

sfB- 92.42.19 (1)

All Umbagog notes in these three volumes have been copied by the carbon process. I have compared the notes with the volumes and find that not one note is missing. The notes are ready for insertion in the Umbagog List. Done today, April 2, 1907. Walter Deane.

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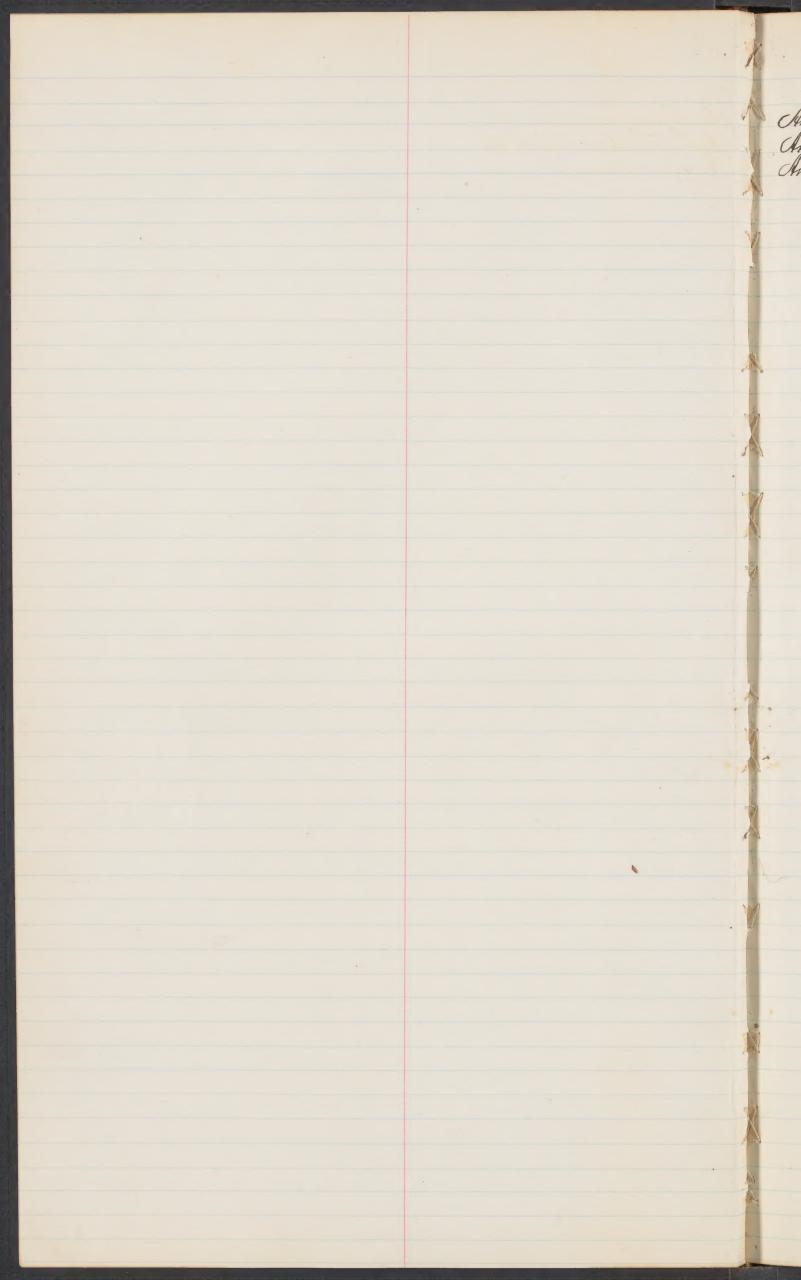
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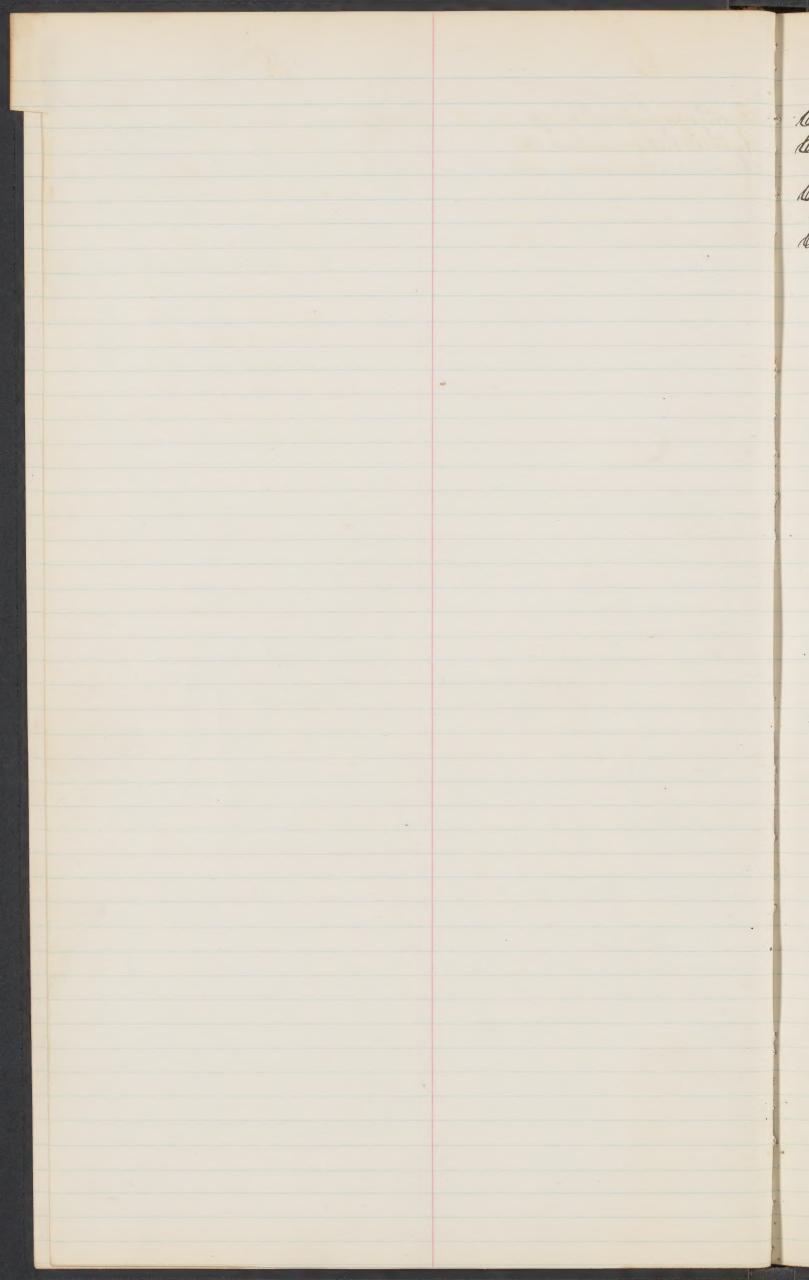
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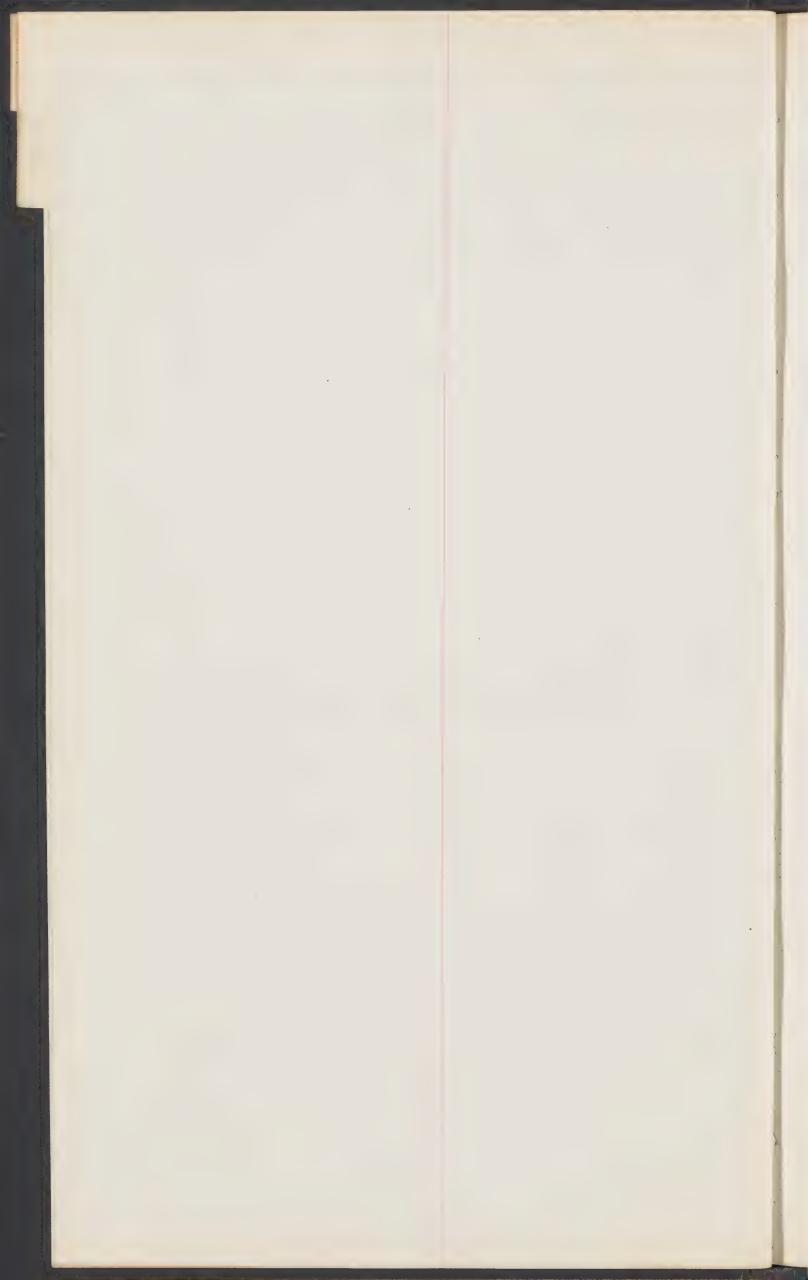
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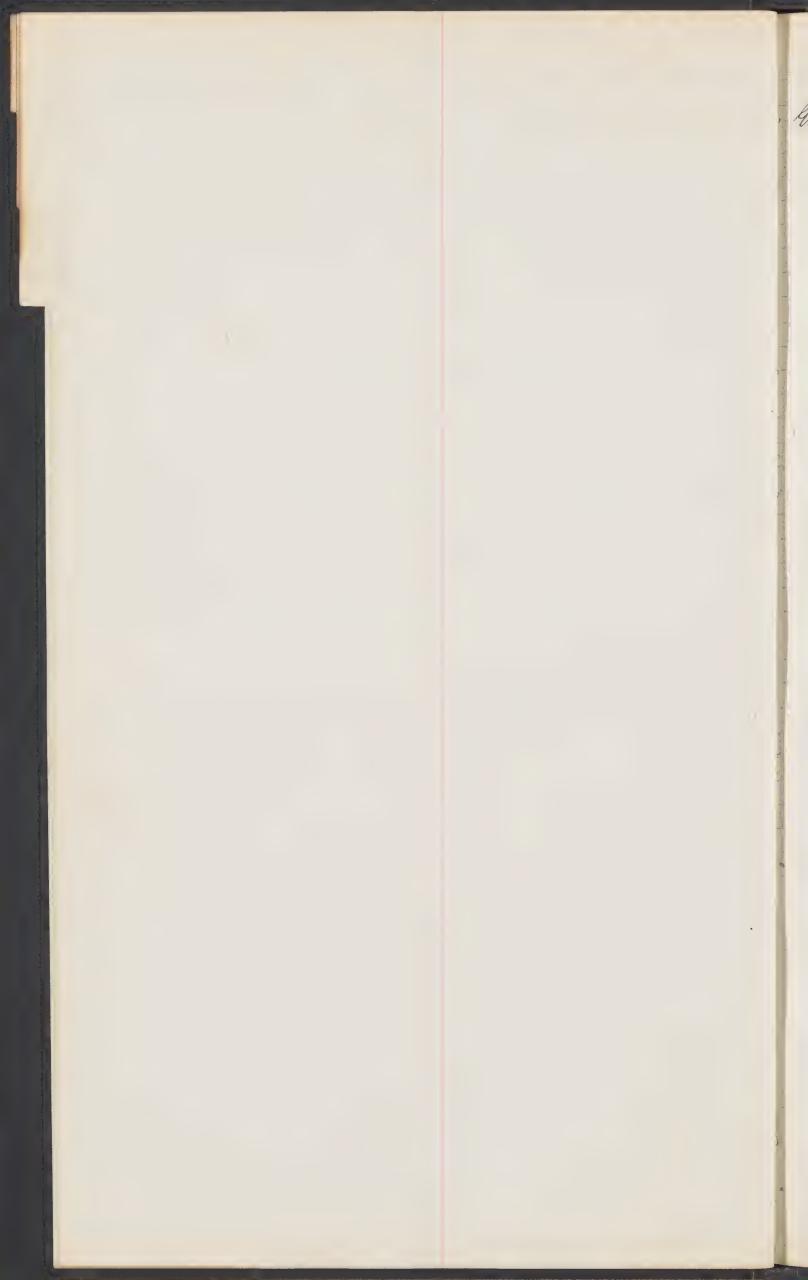
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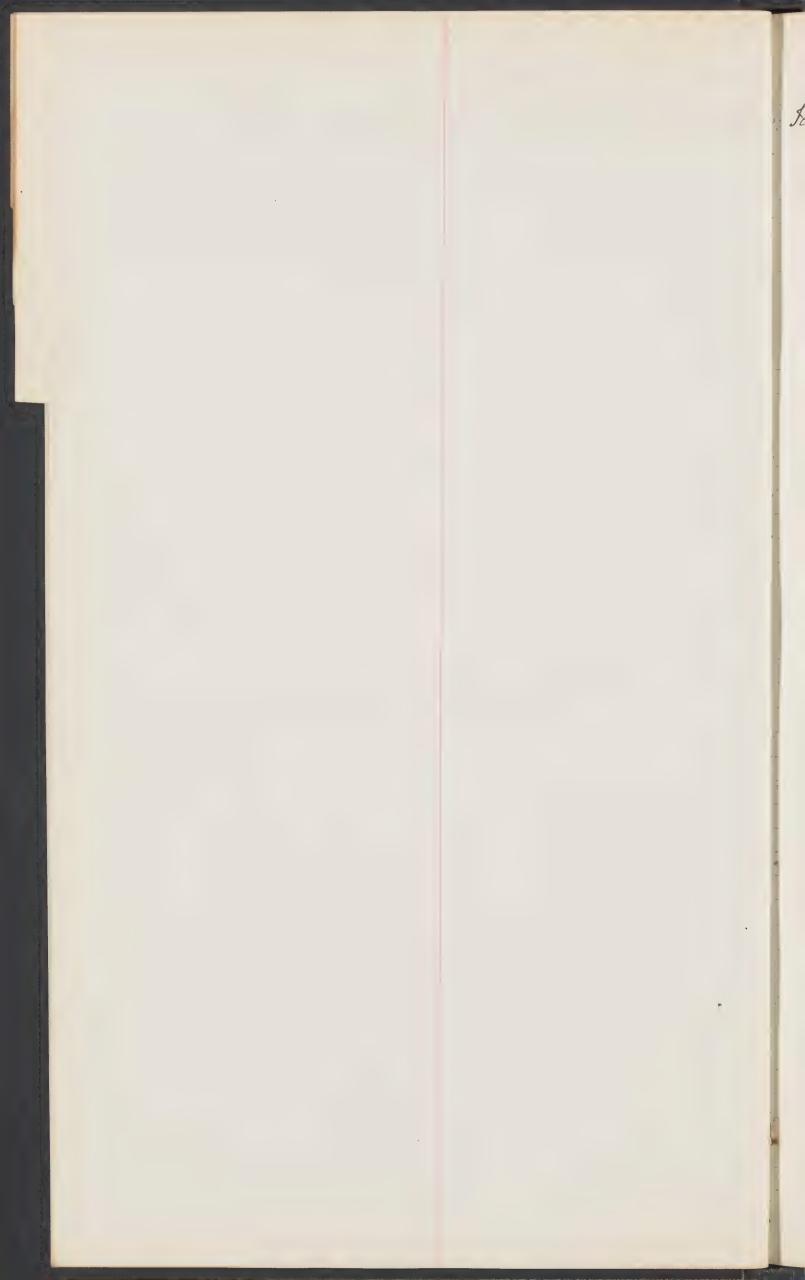


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Helminthophilacelata 92
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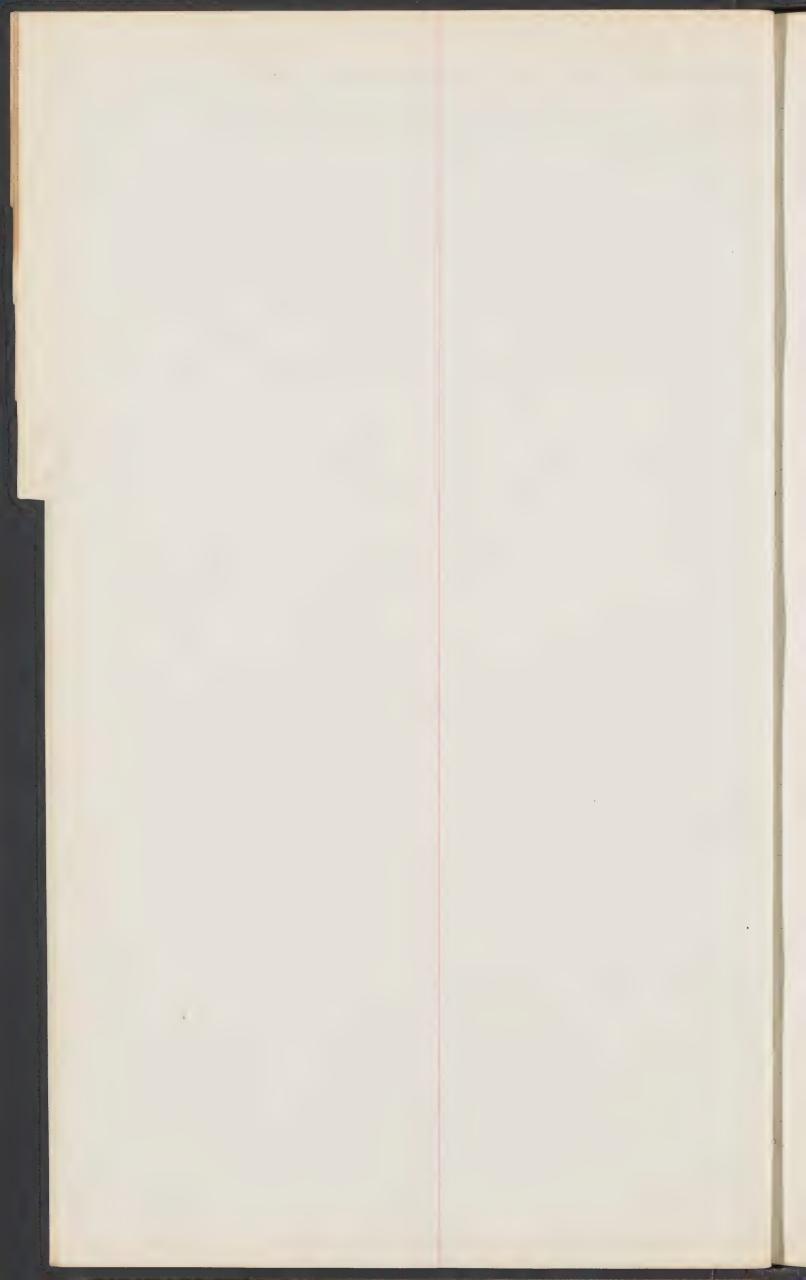
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Minue polyglottue 28
" " carolinencie 29
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M O P Q R S T U W X YZ



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Varue atricafillus 48
" " hudeonicus 52
Varula americana 100
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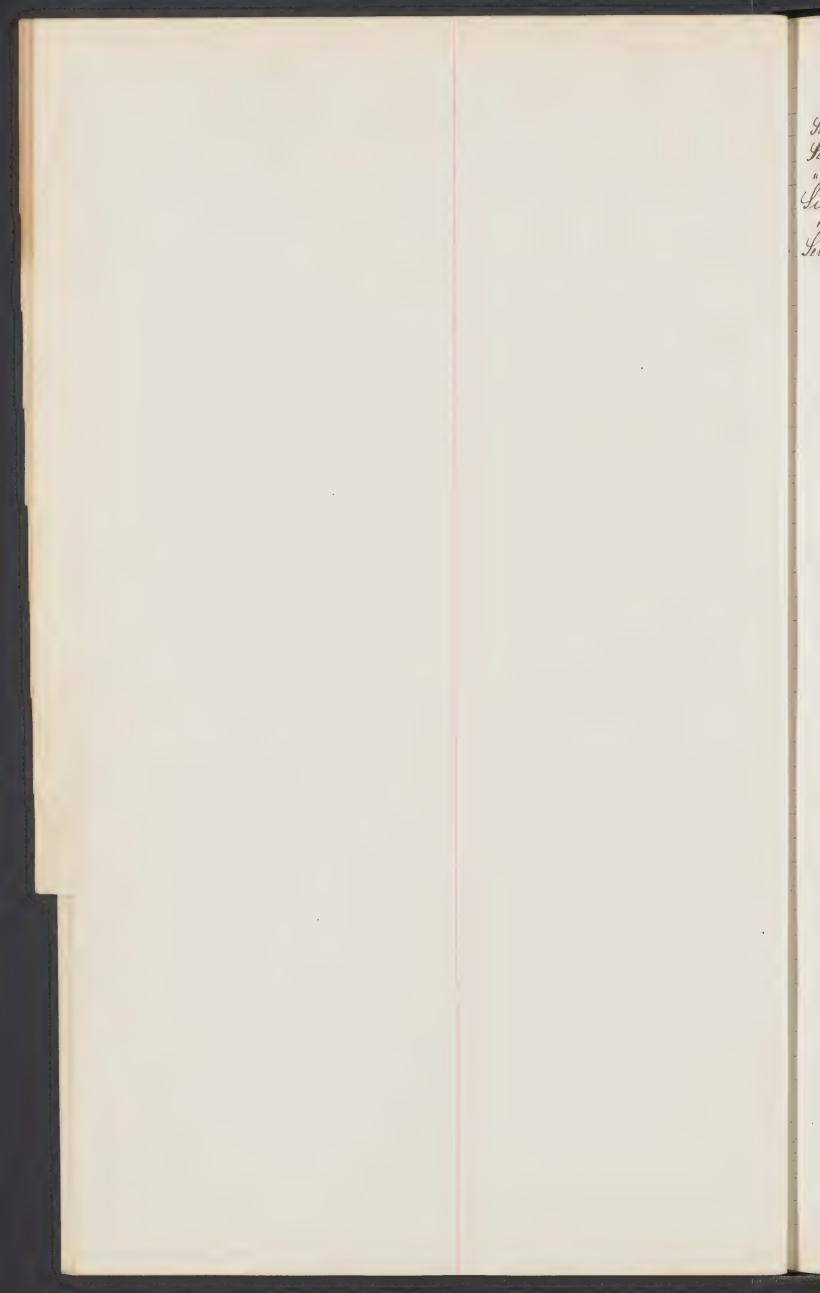
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2

Hegulus calendula 40 " satrapa 43

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" fueceecene 2

" aliciae 6

" evaineoni 8

" pallaei 18

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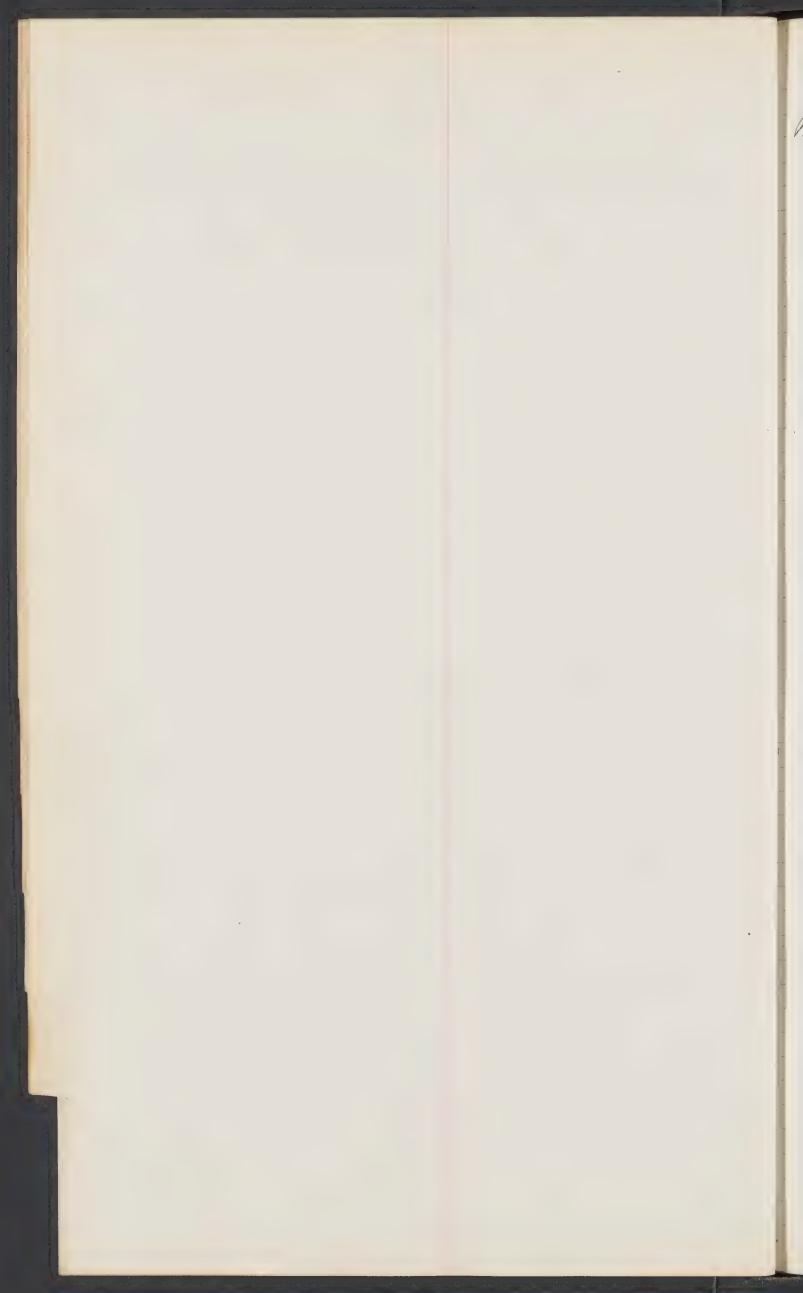
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Tarhycineta bicolor 231

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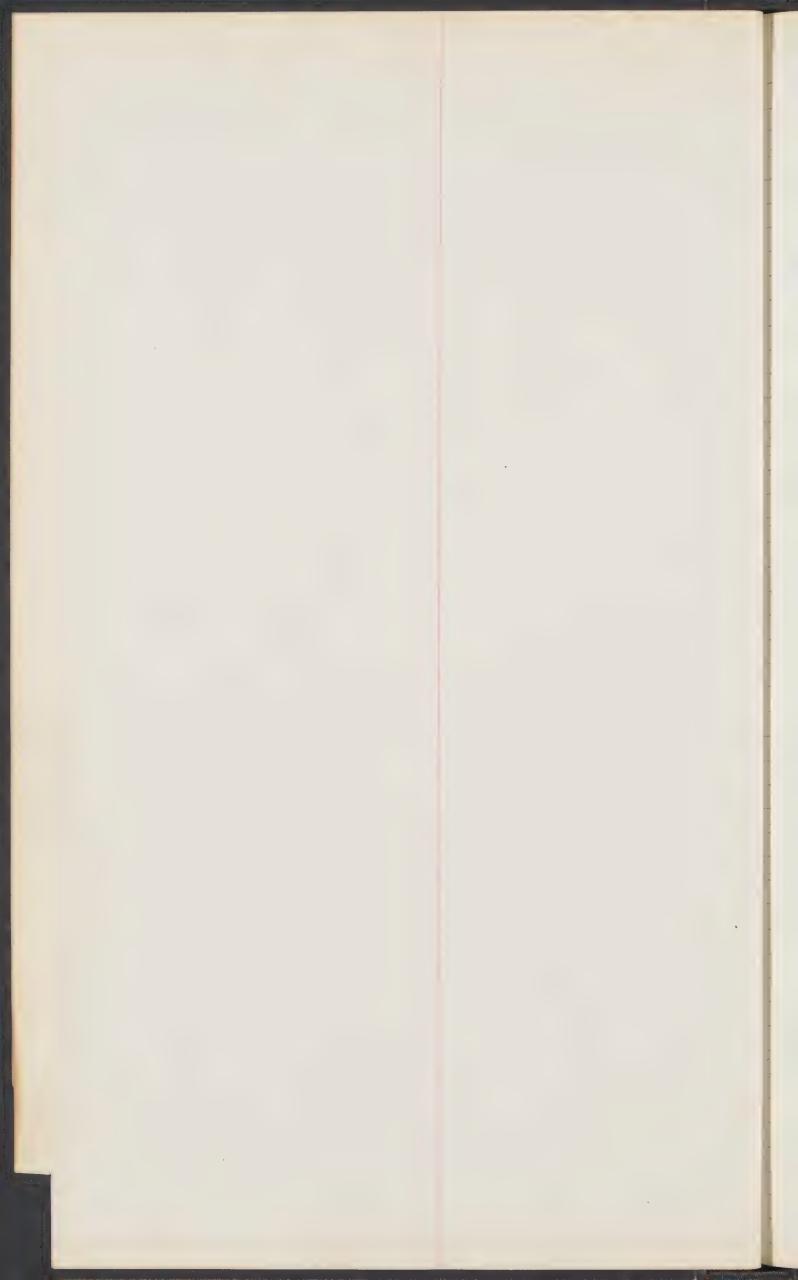
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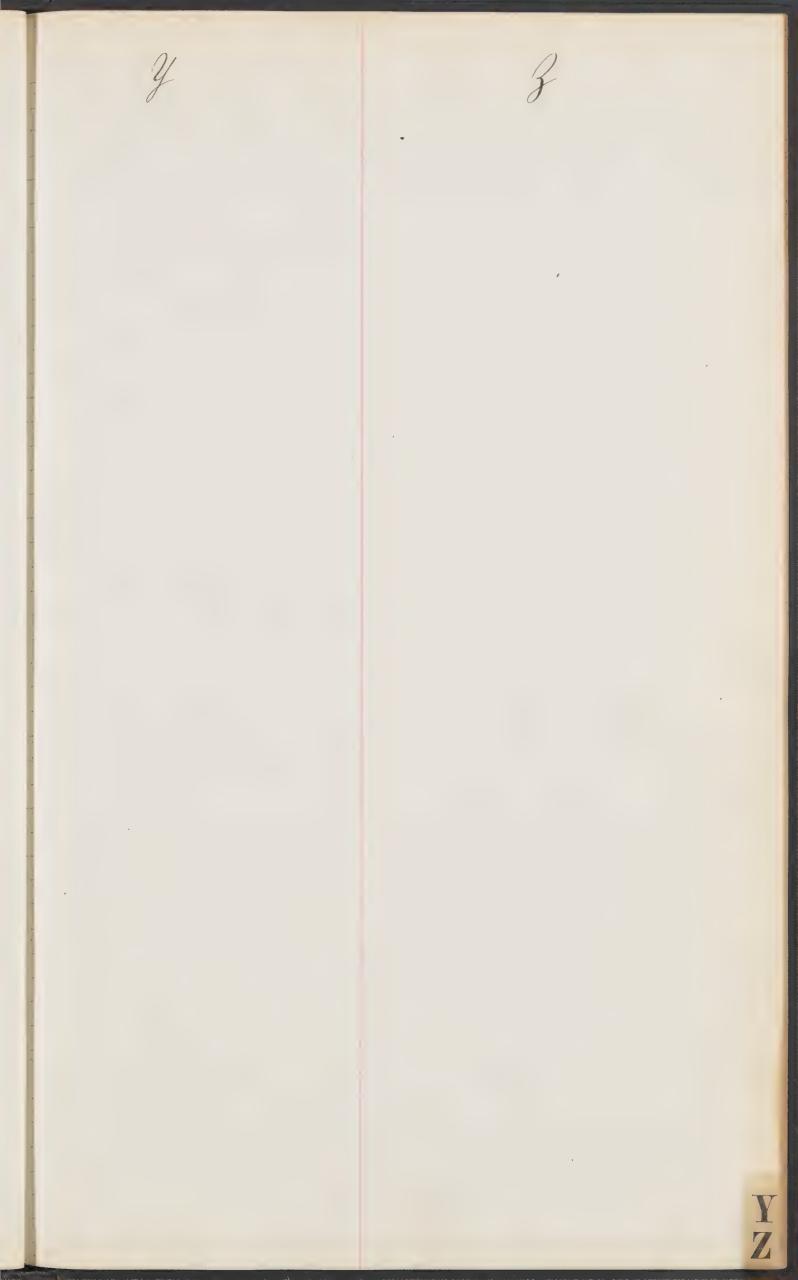


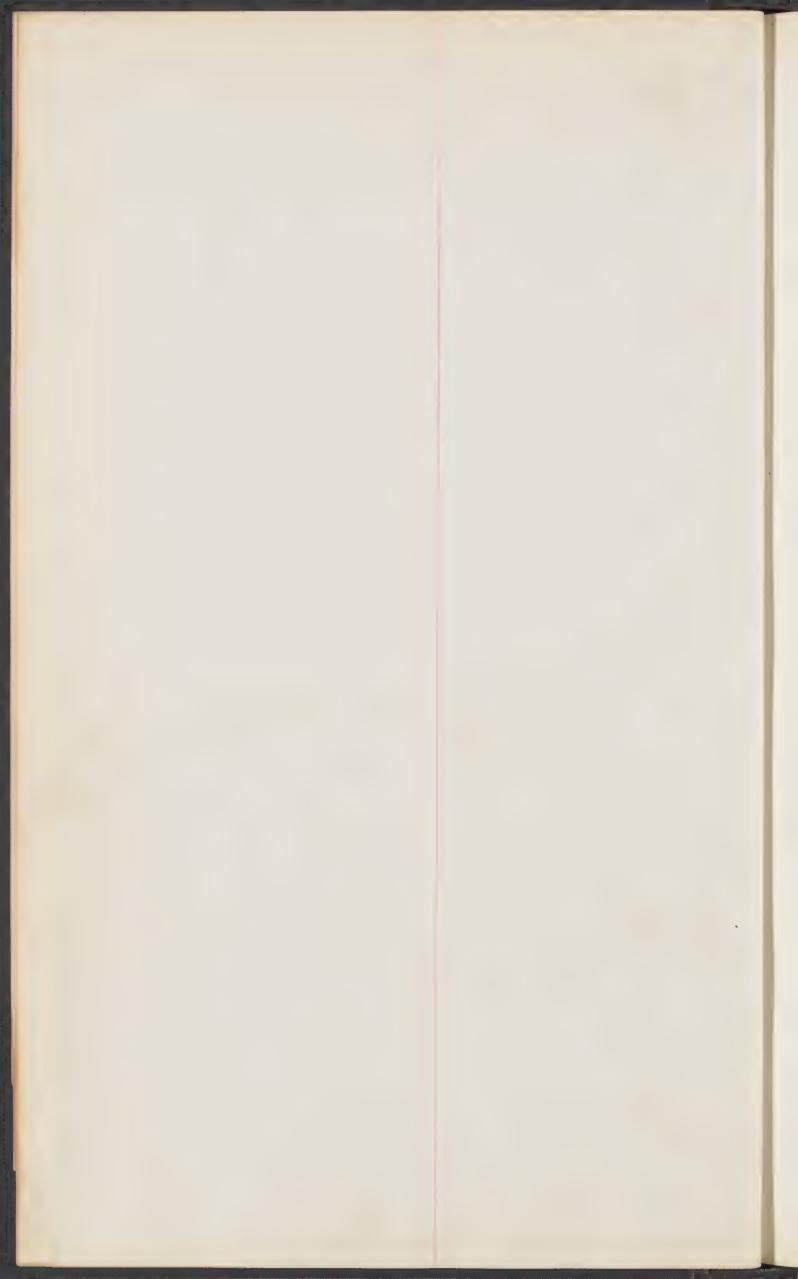
Mileonia pueilla 182 " " " canadensis 185

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Turdus mustelinus.

Middlesex County, Tasane annus.

1867.

June 15. Found a . st wit ore Tree org.

1868.

Tay 9. Shot a male.

" 28. Round a rest built on orizontal recharacter of a vite pine; it contained through

1871.

oy 18. 470 '. evito ...

1875.

thy 17. Two tales Tighting in the presence of a female; while climated to ether and tumbling about enough the leaves on the round they same exquisitely, though in burried tones.

2 . st in red codar with one y q.

" 31. Post in all a riest the rain sim resting of a lister of wall brigs; owns four--fresh. For a lister of wall brigs; owns four-fresh. For a riously but with habitual slyness disappeared to 2001 made a victory t.

1876.

throp frosh; both a the od o whort links chout six foot high.

ay Il. (no male Belcont).

1882.

time.

Turdus mustelinus,

Middlesex County, Massachucetts.

1867. Found a nost with one fresh egg.

1868.

elsm s sods . O var

" 28. Found a nest built on a horizontal branch of a white pine; it contained three eggs.

. C78I

ay 18. Two (Newton).

1875.

while clinched together and tumbling short among the leaves on the ground they same exquisitely, though in hurried tenes.

" 84. We was in rod coder with one out.

" 31. Nost in olm a clinst the rein at a resting on the luster of small ligs; over french lath him filted about anxiously but with habitmal shyress diagraphor od whomever I made any cornent.

1876.

throa fresh; both stached to stout limbs both six for foot high.

ay 11. One male (Bolmont).

1882.

:006.18. Shot a young male is the Taple Swamp; it was noul-time;

Turdus fuscescous.

Micclosox West, Uss.

1800.

June 1. lest with four e ca.

1867.

May 24. Found a 'i ished nest.

1868.

Tay 7. I have been some size as yet although the content of the co

" 9. A rale of i of determined.

of the day.

1870.

(ay 18. ivo S miton).

June 1. Host of a low priory rate, with three fres a mo.

hapt.12. One, the last.

1871.

Sot. 18. Sict we.

1874.

Tay 15. And is to time swamp but as usual or toir limst erizal silest ut it to a monotion of the coll notes.

June 2.

At least to to the constant of the directions in the commons. If the directions in the commons of the constant their songs around a training their querulous queo. They seemed quite to tome in the constants.

8. Walkin quietly along the sine of the the seriow oneirely woods my attention was off metricing a reble scoldi; note very like the elabor of a ouse mon. The counce receeded from a cluster of responry wishes on the edge of the goods, approaching fich in goly found "ysolf wit is a yard of a Wilson's " rush w'io's was herier in the manner, hoopin backward and for and between two trigs, its wires and tail dro bing and expanded, its bill one or on ting, its or oral expression forble end duspirited. 's " watered it word trily row worker, its hops becoming a orter, its outtor fainter; at length it began to totter o its perch and once or twice meanly foll. I ow the code a step and was about to spice it when, semilar to rotice me for the first time, it flow to a rac' some the ty parks of, prossive apparently of intersection flow and

Widdlesex County, cas.

1806. June 1. Nest with four oggs.

1867. Found a finished nest.

1868.

May 7. I have heard none sing as yet, although I have been in their haunts early and late.

" 9. A male singing at daybreak.

July 10. The males still sing freelyeven in the hostest part of the day.

1870. Two SNewton).

June 1. Nest on a low briary branch, with three fresh and.

Sept.12. One, the last.

INTI.

Sopt.18. Shot one.

Oct. 14. One shot on the Fresh Pond swamp (Atkinson).

1874.

May 15. Abundant in the pine swamp but as usual on their first arrival silent but with the exception of the call notes.

June 2. As the sun went down the males were singing it ill directions in the woods. After it had become nearly dark their songs ceased and they flew restlessly about ever the trees uttering their querulous quee. They seemed quite at home in the darkness.

Walking quietly along the edge of a little meadow oncircled by woods my attention was attracted by a froble scolding note very like the chatter of a House Won. The sound proceeded from a cluster of respherry bushes on the edge of the cods, approaching which I so dealy found myself within a yard of a Wilson's Thrush which was acting in a singular manner, hopping backward and forward between two twigs, its wings and tail drouding -x: fareign ati ,gnijnsq bas acqo Ilid ati ,bebasqxe bas prossion feeble and dispirited. As I watched it momentarily grew weaker, its hops becoming shorter, it waster ter fainter; at length it began to totter on its orch and once or twice nearly fell. I now advanced a stop and was about to soize it when, seeming to notice me for the first time, it flow to a branch some twenty yards off, gave its plumage a vigorous shake, and, with a phou xpressive apparently of intense relief, flew again . I

Turdus fuscescens.

1874.

"iddlesex ou to tess.

(June 8) disapper of the prince of target constitutions of the tion of its mystery courted the as as a contractly manan form the line and het discovered its soft and heirin two ores. Is o' is the just like operation of the naw of a large wilk adder (Joly ris enjoying), whose hideously dot of a first will store it oser frolosify to out to est. Indoportion 1st or te state for ac to use it discoult it is red believe to all distance to one, the property uninjured. In the commend of the State till ctor filed track hi so med sire lows. The moust condition; but as the sale into tionally principle is power to bear of ar ? The cold of the area with it easy striki distance during wost of the time first r watered bar a . Moreover a see a of lor ar in for ater ture a car's forestimer could ardly fore elternited to kill are smaller so ler or i rd.

" 20. "vo broods of your o die.

1875

of a Pallor onk prattilly exceptled at its read leaves.

Sept. 9. Stotosi '11 7411 lime a in the dula sump.

1876.

lay 11. Comment acrimal der rideat.

1879.

in numbers but I have board none singles as yet.

Turdus fuscescens.

Middlesox County, Mass.

- disappeared in the dense foliage. (3 cast) Sooking an explanation of this mystery I parted the bushes and directly bonosth where the bird had sat discovered its nest containing two eggs, one of which was just disappearing down the maw of a large milk adder (Colubris eximius), whose hideously blotched and banded coiles were disposed carelessly in and about the nest. He seemed in a lethargic state for I had to punch him vigorously with my ramrod before he would disgorge the egg, which proved to be uninjured. He also refused to leave the nest until after I had struck him several sharp blows. The Thrush beyond question was in a facinated and semi-unconcious condition; but was the snake intentionally bringing his power to bear on her ? Probably not for she was within easy striking distance during most of the time that T watched her and, mereover, a skane not larger in diamoter than a man's forefinger would hardly have attempted .brid s eggs os wollswa bas Ilix of
 - " 30. Two broods of young on wing.

1875

- of a fallon oak, prettily concealed by its dead lauves.
 - Sept. 9. Shot one in full fall plumage in the Table : warp.
 - "cy (. Seen a tevtor.

ISTO.

"ay 11. General arrival (Cambridge).

.973I

9. They arrived on the 6th and are slowly increasing in numbers but I have heard none singing as yet.

Turdus fusceacens.

1876

Maine (Lake Umbagog).

June 11. A nest placed about four feet above the ground in a small spruce among "savins" behind the mill. The female was sitting on two eggs; upon visiting the nest late in the afternoon I found a third had been laid.

1879.

June 11.

Set of four eggs incubated about two days. Nest in the top of fallen fir, about a foot above the ground The female sat closely and after being started off her eggs, showed much anxiety, coming around and uttering her complaining heugh incessantly. Swampy woods bordering Cambridge River. A few other pairs seen but they are not common anywhere.

1881. May 29.

One came into the garden this evening about dusk, and sang for many minutes. His notes sounded unusually clear and tender in the twilight, with the rain dripping among the trees.

furdus fuscoscons,

. (not ad a cault) entar

June 11. A mast j mad comp har has now a special in a compactable of the special in a compactable of the special compactable and compactable of the special compactable of the special

1879.

the control of the co

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TOST.

One to the property of the second of the sec

Turdus fuscescens.

1882.

July 2. Especially abundant in the mountains west of Nor-way, Maine.

-per to your manufactor of household training per 150ardus aliciae.

187.

iddlesex or J. ass.

Complexes or corous during the cost took freque ti. damp mods and wramps. The recommender t a la lite-seled ruste.

Thyt. 2-29 Kathor to mean i premby woods about their co.

1871.

. est. son

et. 2. emprous is the distance, especially on the or

1874.

1976. 2. Potototi o ma end comp.

1875.

Try forts acimen both in more to a replace 'coso in our tercon.

Oct. 3. Saw so foral.

1876.

Two in least town is corner y will the write sor's and one iso's 'm'.

Stop of a series and and series are north as the con-23. the among of the most to the springer to the series of the ٠ آ١٤٠٢.

.et. 7. and the cord .

1879.

tet. 7. modine es at to cord them youth lackpoll, Warblers.

1881.

Sept. 24. Spalmer Protonality rash old mas.

Three is the allowing all synchrons. flitting o a bad in We da se tidelets.

(U.) is the Maple Swamp, uttered a lise of 20-2-2-2 28, e-e cormo to all our Thrushes.

Turdus aliciae.

1870. Middlesex County, Mass.

May 30. They have been numerous during the past week, frequenting damp woods and swamps. They are much shyer than the Olive-backed Thrush.

Sept.2-29 Rathor numerous in swampy woods about Cambridge.

1871.

Sept.26Oct. 2. Numerous in the Pine Swamp, especially on September 28.

1874.

Sept. 22. Shot one in the Fresh Pond Swamp.

1875.

Oune 1. A very dark specimen bathing under the spray of a hose in our garden.

Oct. 3. Saw several.

1876.

Way 13. Two in Watettown in company with two Swainson's and one Winson's Thrush.

" 23. Shot one at Concord and saw many more. It has bond much more abundent this season than the Swainson's Thrush.

Oct. 7. One (Concord).

1878.

Oct. 7. One in Birches at Concord in company with Bluck-poll, Warblors.

.1881

Sept. 24. Spelman shot one in the Fresh Pond Swamps.

" 21. Three in the Maple Swamp, all shy and suspicious, flitting on ahead in the dense thickets.

" 25. One in the Maple Swamp, uttered a lisping 230-0-0-0

Turdus aliciae.

Maine (Lake Umbagog).

1872. June 3.

Took a single specimen, evidently a migrant as several other northern-bound species were found in the same thicket.

estica since (I.e. 1 less less contents estimates estima

Turdus svainsoni.

1869.

'iddlosex oor 'ss.

my 21. Shot mir.

4 27. So foral, 4 o F st. They have been december for the past mode in the police income a december of they keep that on the recome a decree form sty.

10%.

tay 30. Whotoo, it lest at this op. Thereto it or , done movis. Thereto provide the control of t

Sept. 9. Junt Sum to day - U. W. Hustand 1 of . morrous a swampy woo still as absorber 29 of a large to lost.

1871.

" 28. To blow online of cospection repaired thrushes in the incomp. For the section for or continuous the state of a particle processor of the section.

About the continuous theory of the particle as sectionally as come. I saw one in our gorden.

1874. Sew one in althor.

1875.

ay 17. Wo make in full so i also t.

" 20. Submit in it apply woots. That.

Supt.11. Sio. org in the task orders.

1876.

"ay 18. Two is therefore is company with two corpernshed

" 19. One simila Thintly is our early at a meet.

" 23. One of Towerd.

Turdus swainsoni.

Middlesex County, "cas.

'ay 21. Shot a pair.

" 27. Several, the last. They have been abundant for the past week in the yellow pine woods behind Mt. Auburn. They keep much on the ground and are very shy.

1876.

May 30. Shot one, the last at Hudson. They have been abundant this spring in dark, damp woods. Occasionally visiting our garden.

Sept. 9. One, the first. Continued numerous in swampy woods till September 29, when I saw the last.

1071.

Sopt.26. One, the first.

" 28. Henshaw took pine of these and the Grey-checked Thrushes in the Pine Swamp. For the succeeding four or five days, the swamps were literally alive with them. About colober 3 they discipe are described as each lad come. I saw one in our garden.

1874. saw one in William.

1875.

"ay 17. Two males in full song in Belmont,

" 20. Several singing in Waverly woods, Belmont.

Sept.11. Shot one in the Fresh Pond swamps.

1876.

Thrushes and a Wilcon's Thrush.

." 19. One singing faintly in our garden at sunset.

" 23. One at Concord.

Turdus swainsoni.

Maine (Lake Umbagog).

1871.
June 9.

A nest containing two fresh eggs.

1872. June 3-14.

Abundant and generally distributed. The males usually sang from a perch only a few feet above the gr ound and had a habit of flitting a yard or two in the intervals between each utterance. The song of this species is most nearly like that of Wilson's Thrush; in fact it is essentially the same metallic trill shortened and ending in a few bell-like notes, either with a rising or falling inflection. These final notes give it a slight resemblance to the song of the Hermit Thrush.

1873. July 21.

They still sing regularly although most other birds are now silent.

1874. July 26.

Still singing.

1874. Aug.3.

Shot a young in first plumage.

1874. Aug. 5.

Took a young in first plumage.

1876. May 26.

They were in full song this evening although water froze last night to the thickness of window glass, and there is still much snow in the woods.

1876. June 11.

Visiting the nest found on the 6th I found the female sitting on four fresh eggs. She permitted me to nearly tough her before flying, and left the spot in silence.

1876. June 11.

A nest containing two fresh eggs about six feet above the ground in a fir sapling by the roadside.

1876. June 6.

Two nests just completed.

1876. June 12.

Six nests; one with three eggs, four with one egg

ico.or al ambrot , reported of the country LOSE 3 counts and the stage of the stage of the stage of William. J. J. below of .5 to be in the relative of the realow ond over the temperature of the temperature of ni out to but the district to district on the barron, aid to pass will commercial is a more all to the Range at the first like that of the start of arite a -trois ifirt old order of the action to the a little to alle laction official to the project of the base erip seion in it ower .arisetini till for their dament time of the notice of the second second it. 8101 July Lil above ver o to the commence of the second ANG I 2021 72 6 , Friends Bilon LUYE U gur .com with Paris Library Told LOVE Aug. is. . Charles and the state of the same IU/G. · Oct Tail TOTO THE SELECTION THE STATE OF THE SECTOR Thus parally my set. To parallel I chi bo a sil real cuori shoon o callo o alie ai caell IUVU. II OHIL -Of the barrot 3 d to on the barrot succeeding the relative of or betting one and last mot no paint. class al fogue. In a manager ere of sent force yer on . Co. Cliu SABI JI Chill deed that the common of the co . ob specie to the like of the street of exacts 1876 . . C.1" . .be the constant what extra J. W. Sir and the contract of the co Julia I.

Turdus swainsoni.

Maine (Lake Umbagog).

1876.
June 12. each, one earty.

- 13. Two nests, one with one, the contraction was. The first was built precisely like the nest of a Wood Thrush, on a prong of a dead birch some four feet above the ground. The position of the second was unique--in a hollow scooped in the earth that adhered to the roots of a fallen tree, and perfectly concealed by a portion of the bank which projected above it. The situation of this nest was in every way similar to that usually chosen by he Water Thrush. The bird was sitting and did not start till I placed my hand on the root directly over her head. Two other nests of this Thrush were takon this forming each with four offs. In the afternoon I found two more in Grafton, one in a very slender spruce sapling, at least twenty feet above the ground. The bird sat closely and contrary to the rule returned while I was taking the ages and repeatedly alighted it. in four lest of y head reiterating her liquid peenk. This most contained four eggs.
- " 16. Found four nests; one with four eggs, one with three, one with two, and one with one. One of these mosts was built about two feet above the ground in the top of a fallen spruce; another in an arbor-vitae about fifteen feet above the ground; a third about fifteen feet above the ground on some twigs that branched out from the trunk of a huge birch.
- " 16. Four nests; with three, three, four and four regarded respectively. One built in an arbor-vitae about ten foot above the ground contained a set of four eggs, which are unlike any that I have ever seen being nearly, if not quite, as large as Robin's eggs and very heavily blotched and spotted.

Another nest was built on a horizontal prong of a fallen spruce, about five feet above the ground.

- " 18. Nest with four eggs.
- " 3. Harrington found a last year's nest containing two eggs faded and stained almost beyond recognition and their contents dried up, but perfectly whole.
- Nest in spruce eight feet above ground; female sitting on four eggs.
- " 18. Two nests with four eggs, one with three.
- " 21. A nest with three eggs incubated about five or six days.
- " 22. A female sitting on a nest which contained only one egg. On the 18th she was sitting on the empty nest; on both occasions she sat very closely.
- " 23. Purdie took three sets of eggs to-day.

Maine (Lake Umbagog).

1879.

- May 24. In full song about the lake shores this evening.
- June 11. Three sets; three, three, and two eggs respective—
 ly; all fresh, or nearly so. One nest near the extremity of a drooping fir branch about eight feet from
 the ground; the other two in small firs against the
 main stem; the height of one ten feet, of the other
 fifteen feet. Two of the birds were sitting, and
 neither started until the branch was forcibly shaken,
 when they glided down into the tangle of fallen tree—tops
 beneath and disappeared in silence. All three nests in
 the swampy woods bordering Cambridge River.
 - " 12. Set of four fresh eggs; nest in fir shrub near roadside, against the main stem; height five feet. Female sitting; she slid off when I was within about twenty feet.
 - " 13. Set of three fresh eggs. Nest in young spruce about four feet above-ground.
 - " 17. Set X-3. -- Fresh. Nest in fir sapling near the top. Height about fifteen feet. Female absent but as I climbed the tree she came about, making an unusual fuss.
 - " 18. Set Y-3. -- Fresh. Nest in fir sapling.

1880.

June 9. Set Z-4. Fresh--Fir--height ten feet.

1881.

May 10. Dozens singing about the lake shores t is 270. in 6.

Makino (Jako U beron).

1879

May 24. Condition boat in little stories that oracling.

June 11.

June 11.

Ly; will from or the rights of the rest the example of the free example of the free examples of the free examples of the example of the

- " 12. Sat of fair frost a s; nest in fir rand near rook ide, spring the rain term; had a five fair.

 That o bitains should off that the civity to bout trong fort.
 - about four Most above round.
- " 17. St X-8. -- Fresh. 'est in fir sa Ting ove the top.

 He ght shoul lifteen feet. For all the target came about making and the true sho came about making and the
 - " 18. Sot Y-3. -- Wrash. Nost in dir sapling.

.0381

June 9. Sot Z-d. Fresh-Fir-height ten ford.

1881

May 12. Dozas si . - nout the 1 shores i is availation

Turdus swainsoni.

1869.

July & Aug.

Common, breeding, near the Glen House, N.H.

1870.

July 28-Aug. 13.

Abundant near the Profile House, N.H. Generally distributed throughout the woods keeping much on the ground; very tame and unsuspicious.

1882.

July ---

Rare on the intervale, found sparingly in hilly pastures, abundant on the mountain sides; song intermediate between that of <u>T.pallasi</u> and <u>fuscescens</u>, more like that of the latter but ascending, instead of descending, to its termination. Call note a clear resonant <u>pink</u> (Shelbourne, N.H.).

26.

A male singing in the roadside in white pines about two miles west of Bethel Maine.

9) 21. 2 N 2230 n . . self to be The state of the s . . 0 aff of the extend more plot form -- I believed to . aund soud THE RESIDENCE OF THE RE physical plant part of the party of the part Part will over appropriate but designed by two people. of I bl. and the barrage of the partners and the section of the last terms. THE RESIDENCE AND PERSONS ASSESSMENT THAT THE PERSONNEL PROPERTY AND 0 0 0 The order of the particular and the same of the same o makes stated for the species over

1869.

Middlesex Councy, Mass.

Oct. 18. Numerous,

" 26. Numbers.

Nov. 1. Still abundant.

" 10. Several.

" 23. Two.

Dec. 10. Shot one in Watertown. The move has covered the ground to the depth of a foot for over a week, and the weather has been intensely cold.

1870.

April 16 Several.

" 0. Seen at Newtonville (agnard)

June 6. Concord, Mass. Started the feedle from ler lost in the side of a steep bank on the adde of a wood with. The locality was a sandy hill covered with the morel growth of scrub oak, inhabited of by ingus curicapithus and Molivaceus. As two male length is 'pellosi' were standing in a heavy growth of oak addition ort distance off, there was provely of an action of oak distance off, there was provely of an action of the local action of the rest worm and faded, although the provided by a composed of oak leaves with a linit of pine and sallow the interior quite neat and much action and sallow than that of Infuscescens.

Sept.28. Shot one.

Oct. 1. General arrival.

" 21. Abundant. Every thicket seemed filled with the ...

1871.

Apr. 21. General arrival.

" 29. Very abundant everywhere.

Nov. 3 Still abundant.

1873.
Oct. 25. Five in our garden feeding on the parries of a shahoneysuckle.

1874.

Apr. 14. Six or sature is Tatortown; the atternal are conditions say. The order of a condition of the conditions are all atternal attentions.

Middlosex County, Mass.

Oct. 18. Numerous.

" 26 Numbers.

. ov. 1. Still abundant.

" 10. Several.

" 23. Two.

Pec. 10. Shot one in Watertown. The snow has covered the ground to the depth of a foot for over a week, and the weather has been intensely cold.

1870.

.8881

April 16. Several.

" (branys) ellivoojwoy ta neez .0 "

June 6. Concord, wass. Started the female from hor nost in the side of a steep bank on the edge of a wood path. The locality was a sandy hill, covered with the usual growth of scrub oak, inhabited only by Siurus auricapillus and V.olivaceus. As two male Thrushes (T.pallasi) were standing in a heavy growth of oak and pine a short distance off, there was probably another nest somewhere in the vicinity. The plumage of the female was very worn and faded, although the three eggs were quite fresh under which it had been built, and was very bulky inside, composed of oak leaves with a lining of pine needles, then that of T.fuscescens.

Sept.28. Shot one.

Oct. 1. General arrival.

" 21. Abundant, Every thicket seemed filled with them.

1871.

Apr. 21. General arrival.

" 29. Very abundant everywhere.

. vo : Still abundant.

1873.

Oct. 25. Five in our garden feeding on the berries of a bush honeysuckle.

1874.

Apr. 14. Six or seven in Watertown; three touether, all ex-

1874.

"iadlesex orat; ass.

- Numbers in the Warren Run, Walten. The warren we usually active and noisy, uttering, in addition ato the usual cluck, a plaintive whee-whoep which to be before at is spason.
- " 18 Serval lower about where is partross in a recorded and the control of the state of a cord and as identical with the arm that the color load at might in each according to the color of the local arms and the color of the cord before duplicht of a frosty nor in.

1875.

- Apr. 17. A "loct of alout themselve no dillow stabs at le
- shore of the trout-pond is "Mairyla o", Co word a Mermit Thrush sitting on a aller war me intered is a colliar eight call of the species in a low tone, he was instantly answered by of ore all rows to a scores of the
 pond.
- ev. 3. Abundant is ortone.
- " 13. Sacral lairerty.

1870.

uet. 1. Go oral arrival (so espet.

1879.

- net. 14

 Volume to try the persist at Concord. To select least say little at the of three of four dietally up from the round as the select rattled through busies. This trubbases are try for of inch opening at this season, and in huntire on cost introductions above the selections of the selections.
- Get. 15. The migration is not at the beight (Concerd).

1880.

- net. 7. Aburent in hirehes Concord.
- " 12. Simmin in three as (Concord).

1881.

- (ct. 7. (Com 27).
- " 12. Exceedin ly numerous to the ; some were found among bar ery makes also ston to alls. But the greater numbers in second growth oaks and birches. Begint or ed the usual cluck and a fine zete common to the probers of the course.

Turdus pallasi. 187-1 Middlesex County, Mass. Numbers in the Warren Run, Walt am. The were un-(net, 18) usually active and noisy, uttering, in addition tto the usual cluck, a plaintive wheep which I never heard before at this season. Several hopping about under the pear trees in our garden. One of the uttered a note which I at ones recognized as identical with the cry that I b ve often heard at night in Maine and over Fresh Pond before daylight of a frosty morning. 1875. A flock of about a dozen among willow stubs at the foot of Vassal Lane. As I was watching for Ducks this evening, on the ('ct. 14. shore of the trout-pond in "Fairyland", Concord, a Hermit Thrush sitting on an alder near me uttered the peculiar night call of the species in a low tone, he was instantly answered by others all round the shores of the Abundant in Watertewn. :0V. 3. Several (Reimont). 1876. General arrival (Concord: Oct. 1879. Abundant overywhere this morning at Concord. In 0ct. 14 several places I saw little parties of three orf four which flow up from the ground as my sotter rattled through the bushes. These Thrushes seem very fond of birch openings at this season, and in hunting Woodcock I invarisbly see numbers of them. Oct. 15. 1880. Oct. 7.

The migration is now at its height (Concord).

Abundant in birches (Concord).

" 12. Swarming in birches (Concord).

> Two (Concord). 000.70

1881.

Exceedingly numerous to-day; some were found among barbery bushes along stone-walls. But the greater numbers in second growth oaks and birches. They uttered the usual cluck and a fine zee-0-0-0-0 common to all the members of the genus.

1881.

Middles ax one ty, Toss.

tues trushes and the critical. Saw a out dozen function of

1881.

Turdus pallasi.

Widdlesex County, Tass.

Oct. 26. Last night was very cold and a second flight of these thrushes evidently arrived. Saw about a dezen (Geneord).

1871.

Maine (Lake Umbagog).

- June 2. A nest containing three fresh eggs built on the top of a mossy log.
 - " 3. A nest containing three eggs far advanced in incubation was sunk in the side of a mossy hillock.
 - " 9. A nest containing three newly hatched young.

1872.

- June 3-14 Not very common and found only in certain localities, chiefly pastures on the steeply sloping hill-sides, especially where young firs and spruces are growing up. The males sang usually just inside the edge of the woods.
 - Nest found to-day and one June 3; each contained three nearly fresh eggs. Both were built at the foot of fir shrubs in open pasture fifty yards or more from the woods.

1873.

Aug. 19. Heard several males singing on the Megalloway.

1874.

- July 28. Listened to a grand concert of these Thrushes at Tyler Cove this evening.
- Aug. 8. Shot two young in speckled plumage; they were clucking like old birds.
- Sept. 9. I heard them passing overhead last night in great numbers, uttering the peculiar note which is seldom heard except at night.

1876.

- June 7. A nest containing four eggs, in the same pasture where I took one in 1872, was placed on a mound among spruce shrubs not over two feet high. The locality was all elevated open pasture growing up to young firs and spruces. The nest was about twenty yards from the edge of the woods where the male was singing perhaps fifty yards away. The female was sitting and rose about fifteen feet ahead of me.
- " 12. A nest in rather open second-growth birch woods contained four eggs which had been incubated about fewr five days. I stepped within a few inches of it when the female, which sat unusually closely, glided off, running, several yards before taking wing. This nest was sunk in the ground and prettily canopied by branches of three little fir shrubs.

1879.

June 1. Several males singing in a deep ravine on Upton Hill.

The woods dripping after a shower.

Turdus pollesi, 1871. · in what extent' out of not off so like a chaot con . . . the tack A June SOL MARO DO work to the current of the electron of the contract that the contract the contract that the cont 3. the cas south in the old off at there are put Dynam access to place cont. The translate the .8 n 1872. grafts from a direction of the following specific program so f June 3-14 elication as it the soundy closing the sides, orpool Ily fore count form and s rue are tro its up. Labor of to open out obtain ing till car the action of .II w best for a co-user and one 3; oreli confirmed Jool off is alimi even Ator . . . Auch give coult own one as almay attil our we require adults will to . show end 1873. Navollage in a company is a new L moves, brook Aug. 19. 1874. His and a second to trunca of the bone of July 28. Tyler Clove v es evening. Aug. from the trooped in a district of the were complete old sing of the them of the bull announces on the back I :0pt. 9. ntrods, a bading are peclicy acts and is aldom it wit one out of night. 1876, erricani e n el al agre unh qui a la conae. A June 7. proper born to go you I, now part to the Louis Colon as with sect of the cooperation to teach a certific bur agin tumo of or pairous ero as and about oil for spreak. The set set south that the the odra of ods rand tha two caster and the costs of -111 force of the contract of 12. -mo abomi domici dano g-barona ego tede tente de la con-Amignor '330 mail (films a Afficiante i ser e fine Migna zow turn si T . . . i no comin dimen dimentia the same weather the best of the control of the con listed fir sambs. 1879. . Fill modgu go main a recommendation of the Economical June 1. . The contract of the contract

1880.

.Maine (Lake Umbagog).

May 16. One sang a few bars of his superb song.

June 9. Set D-3. -- Fresh--burnt land on ground under fir shrub. Found June 6 when the female was sitting, todday the eggs cold apparently deserted.

1882. Oct.8-22

Common. Found everywhere but especially partial to thickets by wood paths and along Cambridge River, places where it never occurs during the breeding season.

July 26. Heard three males singing at once (Rye Beach, N.H.).

" Heard several singing between reading and Woburn, Mass.

1874.

June 18. Common and in full song. I heard several fine performers (Marston's Mills, Mass.).

1875.

June 16. Numbers singing in Princton.

This Thrush became one of the commonest birds a few miles north of Mt. Wauchusett.

A few miles north of Ashburnham they were singing on every side. One was the finest performer that I ever heard, and each note of his calm, lofty reviere was given with an intonation absolutely faulthess.

July 8. Abundant everywhere and in full song (Marston's Mills, Mass.).

Numbers singing gloriously this evening along the wooded shores of the Bay (Marston's Mills, Mass.).

Apr. 15. Numbers arrived at Point Lepreaux, N.B. to-day.

1882.

July

Abundant in white pine groves over the intervale and in spruce grown pastures. On rocky hillsides and on the slopes of the mountains it occurred more sparingly; I do not think it is found at all on the higher mountains (Shelbourne, N. H.).

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Turdus migratorius.

Middlesex County, Mass.

1865. Apr. 24.

Nest with three eggs (R.Deane).

1866.

Feb. 10.

One of a flock of twenty in our cedar tree praticing singing and succeeding fairly well. On the 17th I heard several males singing quite vigorously and well at Watertown. There was a flock of about fifty feeding on asparagus—beds berries. On March I I again heard this species in song and this time the performance appeared to me perfect.

And policies on the control of the c

Middlesex County, Mass.

10. .

Apr. 23. Nast that do negs.

18 %.

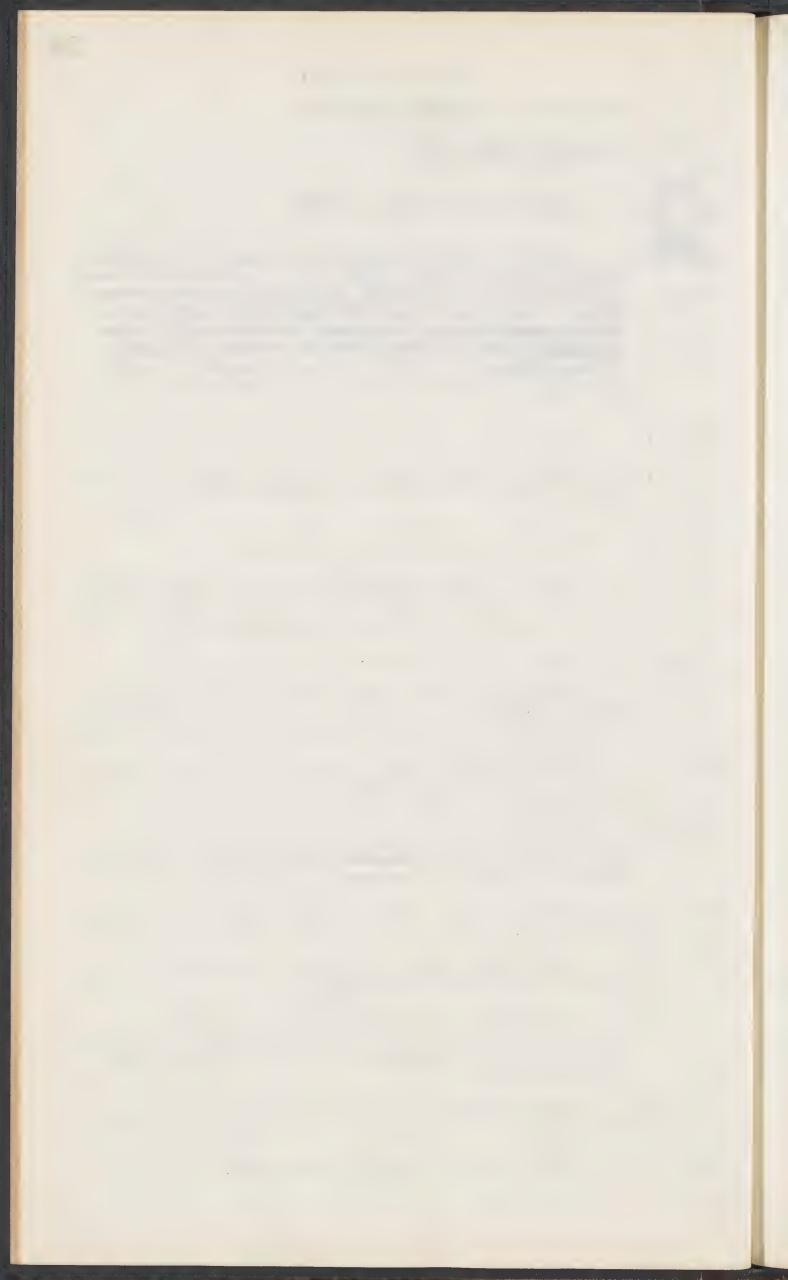
Apr. 20. Found a last will one frish rg.

16 ...

- For all. The horse scovered a law, or horse ho darden loaded we have the sand assemble in darge howers, arriving by sarries and spending the day; departing at sunset for the cedar groves was and horse, arriving a send of the show under the same boring apple these and pick at the frozon to lie which have failen.
- Mar. 7.1 One.
- " 10. Sec. and bloss over the approximation and the corporation of the second of the corporation and the corporation.
- " 17. On A. F. M. L. and Tolling to the state of the stat
- " 21. Notes, a four of short all -day. And redoplus a review 1; a control from cold of a high. Yearey we promed that the west man.
- " 24. A 2. . T. TY . O .
- Sparate strain and a line of the strain to be started as a second started as a second
- " 31. All).
- Apr. 11. News de se'slow. I hill our ses, of the aside, him aside,
- " 19. Sa was a lifty, and an Archar. Art. 24

 Lat has let and Weekle nest the World for then

 which is corrected and light.
- May 9. All the war are. Sho h Albert is a line
- July 4. Maij amall Tlocks of my over the coldens of the state of the s
 - " 5. Ohd till ik der dig villig ville to from te, der ville governing ville governing to he as ap-
 - Weather cooler. Robins how singular and hours of the day.
- Aug. 9. Saw a very white alaise in Arlington.



Middlesex County, Mass.

Diminishing in numbers but still numerous. Every evening they pass over our place to the roost in the maple swamp, flying in large scattered flocks, and, as they approach the swamp, diving down with partly closed wings and darting through the bushes on its octskirts, alighting in the thickest foliage of the maples. Here they remain till dawn, when they return to the fields and gardens.

Oc. 31 A floct of soveral hundred in Lexington, keeping together in a close body are flying in a mass like Plack-birds.

Dec. 26. Thirty in Watertown, nourl, clibit.

16.6.

Feb. 24. 01.1.

" 27. Two.

Mar. 8. A dozen.

" 22. | Several.

" 25. An adult male sitting on an oak began to sing in an undertone just as the sun was setting, then burst out in fill selection in the setting of the sun was setting, then burst out in ceasing suddenly and plunging headlong into the shrubery beneath.

May. 2. Are just beginning to lay.

Oc. 3. Several immense flocks just from the no ...

Mov. 10. Several flocks.

Dec. 3. One.

" 15. One.

18.10.

Fed. 20. 0.0.

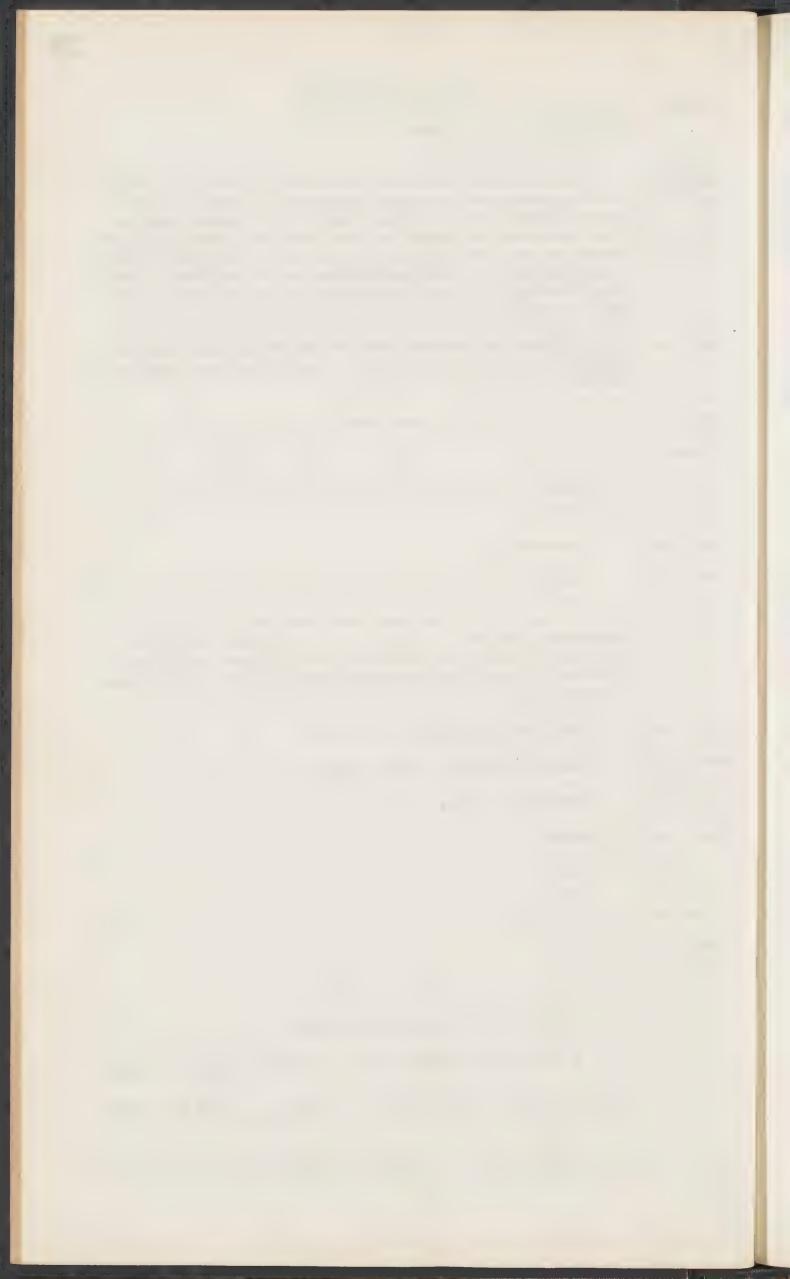
Mar. 18. Two.

" 22. A large flock passing northward.

" P..... P..... ward all day in small compact flocks.

" 21. In large flocks about the asparagus beds and cedar groves, all probable to add in the asparagus beds and cedar

* 31. Bullion of the second of Ads will come of the second of the second



Track the morities.

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H is x Co., iss.

Apr. 4. Fire

" All the control of the same

" Lite Surone 3 . Neilly on the .

Pay. . Sull and Section and the section of the sect

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The first of Device 2 there 2 there 2

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" 11. Sea of the first of the first of the season of the s

" lo. Ser all all services and a log.

A. . 15. Syr. . 101.8.

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Oct. Sc. S. S. S. S. M. Man on the state of the state of

no. 1. Same sees.

1072

Tana Lawrers (Tara)

7.12 The Harry Control (1)

To . To The total of as the man of the contract of the contrac

" S. A.G. I. Sparts J. G. Tr. . T. . T. Sparts J. G. Tr. . T. Spar

For the Park Control of the Park Park Park



Turdus migratorius.

Middlesex County, Mass.

1873.

Oct. 17. Shot a Robin in the first speckloa of the interpretation of the state of the plane. It was in the first of the interpretation of food. The bird was extremely take.

10/ .

- Rooms adding appeared and large numbers over to a factor of all appeared and large numbers about on the food, or calling from the appeared ops in that soft undertone poculiar to early spring. One at midday was in full song, soft ing has they now midday was in full song, soft ing has they now midday was in full song, soft ing has they now midday was in full song, soft ing has they now middle of the food of the f
- May 15. A partially albino Robin by the roadside in Wa 16. A reasonable limited that have a standay and last and a reasonable limited and last reasonable.
- Shot the albino noted a few days since and the second of t
- June 20. The young have been flying about a week.
- Sept.22. Unusually abundant this season. Swarms of them pass of them swamps.
- Dec. 16. A single bird in Wasertown, another doubtless the same individual was seen in the same place on the 10th.
 - " 2. One we want to a less a same a series.

1 75.

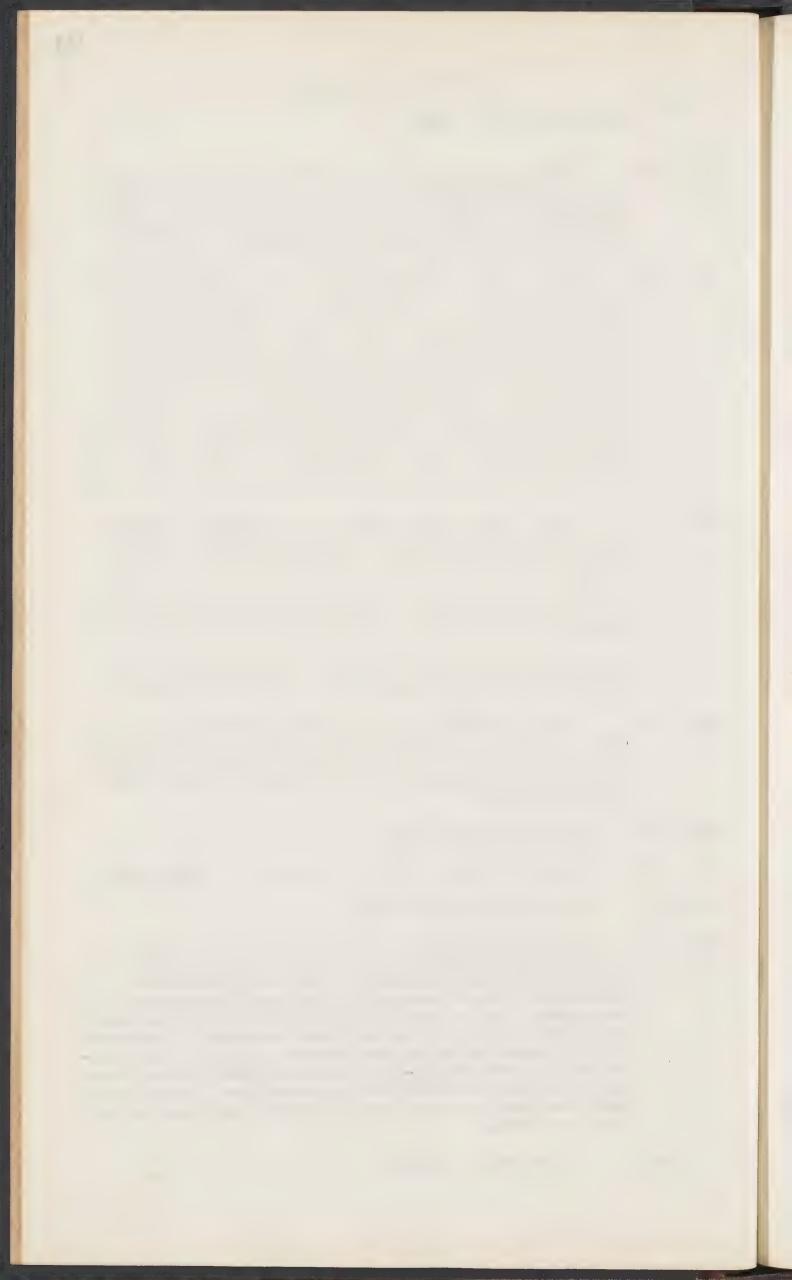
- J. ... S. learn and was the gall record to learn the was applied in a close body was a close to describe the second to be a close to describe the second to des
- " 24. A flock of about a dozen among the cedars in Waterfour. As the second second second perform some of the second second second.



Mi Jub II to to . . . Toso.

- Fol. 10.

 An in the control of the c
- The property of the state of t
- Apr. 2. The purpose some and a serious server and -common a cardon server and -common server and a cardon server and a cardon
- Nay 21. Nost for from the
 - " 26. No. ard le ne a most wood of the a good all
- J.I. 30. On sittle on two olgs.
- Aug. 6. The more already roos may thin in ample swamp norm of block folded. The flit begins now about 7 P.M. and his solid it is not 1 plendark, so that 6 pirds coming from all make ions and write solutions. With the roos, Crow Blackbleds, Red-rings, fow-birds, the normal and Bank Swallows. I estimated to a most of birds that passed my the call is then ing a contract there ious and (25000) and as many more probably came instrom the over side. Long with dark they kept up a continual conversational chatter all over the swamp.
 - " 13. A few still singing.



Timus pigra octus.

- 10,5.
- Middles x Coon , Mass.
- Nov. 21. I say . The call. Mayo by to lagering of the Clocks in a constant
 - " Zu. A for in Police.
 - 10, .
- Mon. 8. Garage and Fig. 1. ., and -da a sangle bloc classed on the dams. The control can be a control control
- " 18. Collect in x and a set which is a sure set in a sure
- " 20. One and 11 and the control 11 of the Control
- Apr. S. S. L. L. E. S. L. S. L. S. L. S. L. S. L. S. L. S. L.
 - # U. Abor in the hyperorial of the late of
- M. J. H. W. T. Cast (S.
- Bor. 1 . Spring and Looks (* 1981).
- Die. F. ar die ris op in is de Weiter in de rig Die de de disse
- 16: ..
- UC . III. Same as a few London Const.
- 1.000



Turdus migratorius.

Maine (Lake Umbagog).

1873.

Sept.18.

George Hayward, one of the trappers, tells me that Robins winter here nearly every seasin in small numbers.

1876.

June 4.

Four nests in the firs behind the mill, three of them containing young.

1879.

June 16.

Breeds everywhere throughout these forests, often miles from any clearing. Song identical with that of the Massachusetts bird.

1882.

Oct.8-22

Common. In large flecks, feeding on the berries of the mountain ash.

1883.

Oct. 19.

Several.

Turque di ratorius. Paimo (Jako e bu e e.

1873.
Sopt.16. Stranger of to the many stranger of the strange

encomes III and the second of the second sec

1876.

June 4.

Part on the Tolling of the time of the

1879.

June 16.

June 16.

July 1 for a strong a real contains and a fine times of the strong and the strong an

1852.

Oct. 8-22 January French C. En sorting of the sorting of th

1823. Oct. 19. Sararok. Turdus migratorius.

1868. July 31.

Several (Profile House, N.H.).

1869.

July & Aug.

Common, breeding. Found throughout the forest their songs mingling with those of the Hermit Thrushes (Glen House, N.H.).

/ 1870.

July & Aug.

Rather common (profile House, N.H.).

1875. June 19

Several on the sides of Mt. Monadnock (N.H.).

1876. Apr. 15.

A large flock at mid-day, came in from the south o ver the sea during a dense fog, alighting on the rocks as soon as they reached the Point (Point Leureaux, N.B.).

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Mimus polyglottus.

Middlesez County, Wass.

1874.

Maynard saw one in Newtonville last evening; he is confident from its actions that is was not an escaped cage bird.

1881.

hot.

land, and hurrying towards the spot discovered him sitting on a fence post; he flew before could get within range and was not seen again. He was singing steadily and loudly although it was near noon and the sun very

" 24. Spelman found the Mockingbird which we say on the 20th in the same place to-day. It was singing in a small elm and was very shy.

Time polyglottus.

Middlesez County, Mass.

107.8.

Maynard saw one in Newtonville last evening; he is conflident from its actions that is was not an escaped eage bird.

. 1831

- Heard one singing on the meadows beyond Block fsland, and hurrying towards the spot discovered him sitting on a fence post; he flew before I could get rithin
 range and was not seen again. He was singing steadily
 and loudly although it was near noon and the sun very
 hot.
 - " 24. Spelman found the Mocking bird which we saw on the 20th in the same place to-day. It was singing in a small elm and was very shy.

Mimus carolinensis.

```
1865.
        Middlesex County, Mass.
May 12.
            Nest with one ogg (Deane).
 1866.
May 25. Nest with two eggs.
  1867.
ay 25
           Found a nest with three eggs. Trash.
  1868
"E.T 4.
             A male singing.
           A male in full song.
uly 10.
ept.19.
             Lumbors
" 25. Lumbers.
 1869,
"ay 9. 'ma.
ct. 6. Deferal (Concord).
 1868.
"a, 25
            A nest was found with one err.
 10,00
'ay 3.
             lost, three fresh eggs.
. UI : 13.
         'overal nests "resh erro.
  1871.
uno 5.
             Several mosts with e ws, one set i calcued.
 1875.
10,7 6.
             Several males simila.
. 24.
             lost five rost ogs.
 1075.
ne... 2.
          Several (Concord'.
 66
    i.
          Several (Concord).
a 7. Serrol exect.
e: 1:..
             the last Goreend .
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             (no sin in the sect a prior).
 188. .
· ry 5.
             Two males, the first of or i.
uet. 7.
             One (Corcord).
1881.
```

Several (Concord).

ce' . 7.

Mimus carolinonsis. n ("iddlesex dounty, "ass. . American new men of the fact 0 . laos. Most with two aggs. May 25. Tear, Form a nost with three year. Frei. 1157 25, 1808. A male singing. . A 101" A male in full song. . 111/ 10. Sept.18. Minbors « 25. Numbers. . 2031 Pay 9. . e a() .000. Soforal (Concerd). 1868. A nest was found with one egg. 78, 25 1870. Most, throe frosh ogs. May 30. . Ha L. 3. Poveral nests, frosh ogga. 1874. Several nests with eggs, one set incubated. June 5. 1875. Several males singing. ray 6. " 24. Most five fresh oggs. 1877. 013. . 18. Several (Concord). 33 Several (Concord). it. e ž Several (Concord). * () [n The last (Concord). INI 8. Sept.27. One singing in a soft undertone. .0881 May 5:

.Jnomies) jarif odj , zelsm owT

One (Concord).

FRRE

0ct. 7.

Maine (Lake Umbagog).

1872. June 2-Rather rare, breeding. 14.

1876.
May 29. Not uncommon here this season.

1879.

May 25. One among bushes in the garden.

1881.

May 12. One near Poplar Tavern.

Mimus earolinonsis,

Taino (Lake Unbagog).

long.

1872.

200.

1873.

1874.

1875.

1875.

1876.

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iddlesex out, ess.

1803.

ay 19. . ost dit troppers.

1867.

Jure 1. Powers ast wit three are filled stropents young.

" 15. Saw one with foll-crown your.".

1868.

June 3. Cours of ast double in the Tres of The

1839.

w. 4. told a serre up valt w.

187 .

2. A sis.

end 18. The acts dit from the control of a control

1871.

in la single sin

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1874.

ounce 18 we wastal noth in low nor erries; four yes not.

'a imples sat try elocoly as a strated two lad about on the ground similating larguess.

1875.

ist to the start of the to-day is there to day is the start to dist may 4.

the roots of a services.

c 23. loung of dis.

oph. 7. Ora is the color carp, uthoris its gradies soto

Dec. 3. Ot object links. It starts in the form of the control of the broken as the control of the broken as the control of the

1876.

A mor for cord.

1865. May 4.

Nost with five eggs (R.Deane).

Harporhynchus rufus.

Middlesex County, Mass.

lay 19. Nest with three ergs.

1867.

June 1. Found a nest with three eggs filled with quite large young.

" 15. Saw one with full-grown young.

1868.

June 6. Found a nest containing two fresh eggs.

1800.

Apr. O. .

ov. 4. One in the Warrne Rub, Waltham.

1870.

may 2. A pair.

June 13. Two nets with three fresh eggs each .

LOVI.

way 1. Male singing.

" 2, Three.

1874.

June 12. Two nosts, both in low barberries; four eggs nach.

The Cemales sat very closely and when started turbled about on the ground simulating lameness.

1875.

L'ay 6. Singing every where to-day, I heard the firt May 24.

June 11. A nest with two eggs, --sunk in the ground about the roots of a scrub oak.

" 23. Young on ding.

sept. 7. One in the Maple Swamp, uttering its smacking note

nee. 3. Shot one in Carlisle. It started from under:
pine shrub and flew well. I counce, however, that one
of its wings had been broken and recently harled.

sa int good plumage and very fat.

1876.

. . 11

o u."

Sept. 27. A number (Concord).

liarborhy clus rufus.

1876.

iddlesex enth

Oct. () Soloral (d. (cr.).

" 10. Unit) last concert.

" 27.

One o core,

1879.

'ay 3.

One si i strest.

rec ived some injury for it The sit the district mas mue arceistos.

Harporhynelms refus.

Middlesex Jounty, Mass,

(Oct.4) Several (Concord).

* 10. One, the last (Concord).

s 27. One (Concord).

1879.

1876.

May 3. One singing in Pelmont.

Oct. 22. Shot a young female in Whithem. It had apparently red for it flow with difficulty and the much enaciated.

Harporhynchus rufus.

Maine (Lake Umbagog).

1881.

May 12. Two males singing a few miles north of Bethel.

.anior aniomirografi
.moned i clair

1221 "By 18.

Two is a ring to a law acts of the confi

ŧ

Harporhynchus rufus.

1875.

June 17. Common on Mt. Wauchusett.

Sept.23. One on the road to Siasconsett.

1882.

July 3. A male in full song at West Bethel, Maine, the only specimen noted west of Norway.

• e . STREET, PARTY OF THE PARTY OF T 6 · · A PROGRAMMED AND GROWN SEED AND VALUE AND » 0 . THE RESERVE AND PARTY AND PERSONS ASSESSED. appeared the James Service and Service

Sialia sialis.

Middlesex County, Mass.

1865. Apr. 15

A nest in an olive jar put up by Ruthven Deane (Cambridge) contained an egg to-day. The eggs were hatched May 3. The young left the nest May 18.

1866. Mar. 12.

Saw and heard five during the day. Although they seem to have just arrived one, this morning, entered several of the bird boxes en our place.

Sialia sielis.

Tiddlesex on by, ass.

186). Or.12 Ost with two ords.

1867.

Apr. 3%. Nest with two eggs fou d.

" 25. One was see build ag in a old Will Swallow's nest

Oct. 14. Heard: male singing as firsty as in spring.

1868.

far. 11. Two males, the first.

" 13. One.

" 14. The first pair; the female envered sever ? of y boxes. Saw about forty males.

" 21. A heavy fall of show. Many of the Blue irds aris med.

" 22. During this devere weather there are reduced to meet extremities, collecting about serincy places and spots where the sow has drifted off. A number to-day were fooding on cedar erries, poising over the trees in the result of cedar birds.

" 24. Scarce.

Apr. 7. Six inches of show fell to-day. The Blue irds a sin hard out to it for a living.

ept.26. Common. Two adult males in full songthis for it.

1869.

Feb. 24 A male, the first.

'ar. 3. One.

" 14. A pair inspecting my bores is norming.

" 10. One singing. They are of cormon yet.

" 20. A flock of six or seven.

" 24. Abun n t.

ov. 15. (20) t e l.st.

1870.

or. 34. Pair in Startown. They are dary lete this year

Sialia sialis.

Mindlesex Country, Tass.

1866. Apr.12 Nest with two over.

1867.

Apr. 22. Nost with two ergs found.

" 25. One was seen building in an old Gliff Swallow's nost

Oct. 14. Heard a male singing as finely as in spring.

1868.

Yar. 11. Two males, tue first.

.c :10 .E.1

" 14. The first pair; the female entered several of y boxes. Saw about forty males.

* 21 A heavy fall of snow. 'Many of the limbinds and ished.

" 22. During this sovere weather they are reduced to great extremities, collecting about springy places and apolis where the snow has drifted off. A number to-day to reading on coder berries, poising over the trees in the manner of ceder birds.

" 24, Scarce.

Apr. 7. Six inches of snow fell to-day. The Bluebirds again hard put to it for a living.

Sept.26. Common. Two adult males in full song this vertity.

1869.

Feb. 24. A male, the "irst.

ar. J. One.

" 11. A pair inspecting my boxes this morning.

" 10. One starting. Proy are not common yet.

" 20. A flock of six or coven.

a 24. Asaminus.

ov. 15. One, the last.

1870.

or. 24. A pair is blattown. They are very late a dis year

Sialia si is.

1870.

Hiddlesex outy, Mass.

- ("thr. 24) for the three species of The Trived before them a thing I never know to have before.
 - " 25. A pair.
- Apr. 2. Abundant.
 - « 8. Building.

1870.

May 1. Nest four fresh eggs.

1871.

- Far. 1. A flock of fourteen or filter i election reversal females; they were silent and monthess, Tyi from post to post, and orchard to one monthess, Tyi from ing on the ground; they were to direction (Belmont).
 - " 2. A flock of five the rules i full tord.
 - " 3. A flock of fifteen.
 - " 4. General arrival. A pair e teri " oxes.
 - " 6. Abundant everyw ere in the fields a cordards.
- Apr. 18. Seen building tr-dar T.P. Atkinso.).
- May 6. Nest in bird house wit six ages 'ar dvarced; a other in similar situation wit away at led you g.
- Nov. 10. Two, the last.

1872:

- Perfectly silent.
 - " 25. Several som.

1874.

- lar. 2. A Tour of si t sile 'and ejected Witting
 urish to los or potenti rice rice ricesqual;
 urv we reless or a let. Manh.
- " 3. A out cover off down idlass. Sor fe first to rusery 28.

1875.

four or "170 to live part a sectors in the tertous; the property of the 20th o

Stalio sialis.

1870.

l'iddlosex dount, rass.

- (var. 24) for the three species of Alackbirds arrived before them a thing I never knew to happen before.
 - « 25. A pair.
 - Apr. 2. Abundant.
 - « 8. Unilding.
 - 1870.
 - ey 1. Nost four fresh eggs.

1871.

- cr. 1. A flock of fourt on or fifteen including several females; they sere silent and creint and free and to crohand frequently, aligned ing on the ground; they were moding in a scrth material direction (Celmont).
 - " 2. A flock of five the tales in full song.
 - " 3, A floor of Ciftoon.
 - " 4. General arrival. A pair r tering my boxes.
 - " G. Abondant grarywhere in the fields and orchards.
 - Apr. 18. Seen building to-day (T.P.Athimson).
 - ay 0. Hest in bird house with six ergs for advanced; and other is similar situation with early hatched your.
 - . Jesi e a .orT .. I .vo.

ISTR:

- War. 2%. A Tions of four all pales on a hillside in the ront.

 Perfectly silks.
 - " 25. Several seem.

1874.

- Tar. 2. A floor of sicht, wilest, and dejected, flitting ter. 2. Telecting ridge is the a secresquall; saw two releases on the letter.
 - " 3. About a dozen, ell rales in Call cong. For the first February 23.
- " 29 Four or five that the sar the dedomain "a-tertown; nombers were soon in Newton on the 20th, and on the 20th.

Sialia midis.

1875.

Mindlesox or. fr. ss.

- Apr. 12. Shot a lamble for mate district to the interpretation of the head appears his bill at raily.
- " 15. Shot rale is its note covered over it a moment but as improve ed flow off war live tery like to sla, but rather note discoveredly.

22. Lost, fin 'res) :.

lar. 7. ' open profestive is or ing.

- " 17. W. Asito tells to that it is now-stor to-ing he not with a long of mout thity blue grass of a complete formula.
- " 52. A los of irresos preser is a setum foodin o coder arrias.
- " 25. A far is contour. Crezar tells to det on tesses seas a reixon is det 1 mo Clocks of their independent of the Clocks of their independent of the contours.

1877.

Sin it as perfectly as it saring.

1879.

Alue teds are form on a coldis outure, rore so Oct. 8. that usual if ink; ther count postures sorinkled with tall nuller stalks, apple of oak trees, or oreasion! pitch stres. They are incommently almost one of or close, appear thy in clay rather then from a guill shelter our above so foliage and area on less for long periods of a time. I have alter a cook amonth of oak or spile tree a diseased its includes for many time tes at a time before I could make out a record of a comber Tas led just this cesuse tore Torontines they eline : . i. st be sheltered side of the charmonting thermal resummed in the manner of lood returns. The occasionally size at one times the West or marly drowns = air leable notes; limits one starts - - all to offers, reals after, ose of set all along the call note as it fries, ad lot after that the lost to si fit to die to eo the of collectes second to wind over a seat tod the de de.

" 15. United at it is not not for the Tunkings of the Tunking bird's voice is one of retokers most ear of prishing sounds the right for it at an rice, lately, does the right for the field of ore ands I had like a fore list time of the rest into the rest

Sialia sialia.

1875.

Widdlasex County, ass.

or. 12. Shot a female. When

- Apr. 12. Shot a female. When her mate dashed down ith a foot of my head snapping his bill angrily.
- " 15. Shot a male when its mate hevered over it a moment but as I approached flew off warbling very like the male, but rather more disconnectedly.
 - ay 22. Nest, five fresh eggs.
 - Mar. 7. A general arrival this morning.
- " 17. W.W.Patten, tells me that during a snow-storm to-day he met with a flock of about fifty bluebirds which were feeding on cedar berries.
- " 28. A flock of thirty soon by Frazar in Wellstown, finding on coder berries.
 - " 25. A few in 'etertown. Frazer tells me tiet he has seen are lixed in with a large flocks of feder living. flying and feeding with them.

1877.
Oet. 11. Singing as perfectlyvas in spring.

.d .to0 Bluebirds are very abundant this autumn, more so than usual I think; they haunt pastures sprinkled with tall mullen stalks, apple and oak trees, or occasional pitch pines. They are incessantly chasing one another about, apparently in play rather than from any ill temper. When the wind is high and cold shap ofte sock and was find for what , bus egualed came the groms resients long parions as a time. I have often stood beneath an -mail: yasm rol sedenard att benses bas eert elgqs ro xso -mm s ?o eno nevo juo eksm bluoo I eroled emij s js sej ber that it just taken refuge there. Sometimes they cling acaims; the sheltered side of a branch supporting themselve productly in the manner of Woodpeckers. They occasionally sing at such times when the hind worly drowns their feeble notes; Cinally one storts and the others straggle after, each at arise the others straggle after, call note as it flies, and long a to they are look to sight in the distance the sad call come back on the wind over the painted woodlands.

" 15. October is the month for the Ninglinds and the new bird's voicen is one of Octobers most charached with some sounds. Nearly every morning at sunrise, lately, when the river fog hangs ever the fields and ere ands Theorem his plaintive note wandering through who ist like a loos voice. Everywhere along the readside [see loos) attracting flocks. At this seach they are senably and

Sialia sialis.

Maine (Lake Umbagog).

1871.

May 30-

June 10.

Found sparingly in the clearings, whore it breeds in hollow stubs and martin boxes.

1873.

Aug. 11.

They are getting numerous, a sure indication that the migrations are beginning as the species is rare here in the breeding season.

1874.

Sept.16.

Saw a brood of young near the upper Megalloway settlement.

1879.

June 1.

Two males, one near the top of Upton Hill, the other in Brown's clearing; another heard flying over the lake yesterday.

1882. Oct.8-22

Frequently seen during the early part of our stay, when it was much more numerous than I have ever known it to be in spring. Usually observed in small flocks in the stubs along the river.

One passing high overhead towards the South; none were noted after October 12 when I heard a single bird.

e of all the start energy

abcomp there, i.e. it for all the number of the control of the con

Livis.

ະທີ່ກັນສະເພີ່ນທີ່ກ່າວຂອງຂອງ ກ່າວການປ່າ ການ ການ ການປ່າ **LL .**ຕິດກໍ່ ຕາເຊື່ອງກາງ ພາກສະເຂດ ຄຸດ ຂອງ ທີ່ກຸ່ມປ່າກຸດ ກ່າວ ຂອງ ການປ່າກຸດ ພາກສະດີດ ການ ຄຸດ L

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1882.

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end to the covernoad to read the fourth; normally many wear and the covernoad to the covernoad.

'e rlus calerdula.

1868.

10. 0 = 200 TG- Cy.

" 25. A male sin ing. To no is tory oferful to the of so small to ird. The state as a scalding a form to the like to the constant.

" 27. 0110.

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1809.

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1870

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1871,

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Ty 11. Sour Contlot to 1 st.

met. 18. in out a doze; tem rolly orrived or ior.

1872.

' 17. In. 170 (". Fra. 1).

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Oct. 18. And sini i our tron. The otas H = is with the or are line of controlly system of the or.

1875.

for 4. sard a clear core. This could be ordered.

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- " 25. A .wle withing the sour it very constraint for that of an action to the species has a scolding chatter not riske seel of the character.
 - .000
 - ay 9. Sorota.

1.000

- A. A male singing at Concord.
 - Apr. M. Mont a dagge sap.
 - el. 26. A tamber seen.
 - ov. 10. Took one, one list.

181

Apr. 1.. Heard the beautiful conject; and this remaing.

" it. Abundant everywhere this writing, the relasemently contained or in fell cong.

IC'IL.

- ter. In. A goneral arrival, all aller
 - .t o . Acc Ilita . Acc
 - a Maria Cara V canalage
 - star for the last, the last,
- Get. 13. Sew bout a dozon; they probably arrived serlier.

1872.

'(r. IU. Two (R.Dean.).

1874.

Oct. 18. A role singing in our garden. The song not as finis red as it spring but more warbling and decidedly Except and record.

1875.

- Way 4. Heard and saw several. Saw one at Concord April 30.
 - Oct. 3. Warren shot one in Newton September 29.
 - ov. 3. One female (Vatortown).

Regulus cale oula

1876.

"indlesex rounty, lass.

or. 29. A number in percent. The are numerally about the time to be the pear.

Several (Consord).

" 27 One (Concord .

1879.

Mpr. 21. Tro males.

1880,

Cet. 9. / malo singi s /i oro: Ty = / er hatly as i...

Rogering caloudula.

riddlesex County vasc.

- r. 29. Truther it concord. They are unusually abundant
 - ost. 2. Concord (Concord).
 - " 27. (0.0 10 co.0)
 - 1879.

1876.

1880.
Oct. 9. A lo minging as rigorously and enfoctly as in Apring (consord).

Regulus calendula.

Maine (Lake Umbagog).

1880. May 16.

A few in a large flock of Warblers.

1882.

Oct.8-22

One or two seen daily during the early part of our stay, usually in mixed flocks of Warblers. They were found in every kind of timber; but especially among young thickly-growing spruces. Last seen October 20.

Romains calmenia enter of the state of .0381 ay 13. . Holey of the control of the 1882. good (go, go, company) the contraction of the contr 0ct.8-3;; one performs of the and beautiful at the Posted L. Stray Wile Commission of the manual policy is different a ruess, the man talabar will

Regulus satrapa.

Middlesex County, Mass.

1865. Nov. 18.

Two males apparently trying to get up a fight, appearing to great advantage as they hopped about among some current bushes, their crests erected and showing the geld and scarlet conspicuously, and challenging each other in shrill, fine, piping tones. The affain ended without actual combat, however, the ordinary note is a fine cree, cree, cree-ek; when flying from one thicket of evergreens to another they utter a faint lisping sound.

NAME OF TAXABLE PARTY. • .. 0 was altered a ser fact of accept a franching article out paint First America, rest, or epitartic corrupt of inchine and marked how before others where project proper former prothat harmed her the being being bottom and hing become electric eric parent parent parent parent parent at the and where at your quantum are governed places I will be dearly A FIRST MANY MANY RESERVED. WHEN PERSON WAS THEN ASSESSED. Annual purious topics a resistant part management and appropriate for

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1838.

Widdlesex Consty, less.

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The 37. On the Art of the State of the terms of the terms

Apr. 1. One per list.

met. 1. Sormal.

1870.

Jan. 4. Spingel.

" 38. Fer.

Mar. 21 So forcl.

for. to the term of the term for the term of the term

" 2012. Almulo is serily solvens on this octue seepig of party of

Sunt. 18. portorel.

1871

upt.lu. Soverel.

1874.

'ob. 10. There have been all the and the word the wools whater.

. 7.3. notally memous Visconses; I must be seen

. oc. 1. Fitneally suprime to the troot.

" 10. Oxfraordi arily almos to tabbason; in the telephy

Regulus satrapa.

Middlesex County, Mass.

ich. l. One.

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- Lister occ
 - 01.0
 - .c. 10. One
 - at it.
- . 109000
 - .35.

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- en. 17. Several, Soon at intervals throng the inter.
 - Apr. 10. One the last.
 - .Is sovera. .i .dov

1876

- Fe. 4. Several.
 - .1007
- Mar. 21 Soveral.
- f.F. S. Sarawa males singing this cording the but werd-but werd less will marb-less.
- " 22. Abundant nearly everywhere this conting northy 11 the coles in full song.

1871.

Sept. 19.

1874.

- Feb. 10. They have been usually abundant throughout the whole winter.
- 197. 30. Trushally turnsous this mason; I must have seen thirty to-day.
 - nec. 1. Diterally swarmine in 'shont.
- " 16. Extraordinerily abundant this season; I say bairty in one filler to-derib. Plantown.

in ulus soveope.

1875. Hiddl sor for ty, oss.

Ter. 22. One sa las brut Wiles With conference victor.

Apr. 15. Several poles i 'll so v. A poir vie sot had assured the surrey live. >.

Turk. A. Abnute this starte w.

1876.

ar. 25. Rome to so some the visiting it of analy January.

lov. 10. Abmidert (charton).

1870.

Apr. 21. Properlas i tracti dance i some percent

or. 14. I disting on the form it wined on a deconnut woods so serve. During the portion at least we til
the least of fall they are quiteens eat to be hard i
nurd-woods groves as one or here as.

1881. | ot. 9. | Two vo. ecco. Pornilles son cons.

I:75.

"ass" widdlesox toom ty

- er. M.. One says saveral times with one in this ovigor.
- lor. 15. Several halos in 'll song. A pair high I mos 'ed assumed blo saurer plumege.

1876.

- 'ar. 5. None have here here in the this violation carriy Josephary.

1879.

- .,r. 21. Thron a las it bronding always, in domany snoag
- ot. 14. A little earpony this norming in mined oak and chestnut woods, denegra. Buring this penth, at least until the leaves fell, they are quite us apt to be found in hard-woods groves as groups over norms.

1.101

Two (Concord).

Regulus satrapa.

Maine (Lake Umbagog).

1871.

June 6. A female shot to-day had evidently been incubating for sometime. These Kinglets are common this year especially in arbor-vitae swamps and thickets of firs.

1873.

Aug. 14. Shot two young in first plumage.

* 25. Shot two in first plumage.

1876.

May 29. A male seen to-day. The song begins like that of Dendroeca striata and ends like that of Helminthophila ruficapilla.

1880:

May 31. Saw a male collecting some building materials which he took into some tall spruces where I lost sight of him; from the actions of severa 1 pairs seen to-day I think they are getting ready to lay.

1882. Oct.8-22

Oct.8-22 Exceedingly numerous, far more so than they ever are in Massachusetts. Usually seen in mixed flocks on high ground. Abundant up to the time of my departure.

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Regulus satrapa.

1869.

Aug. 1. Several (Profile House, N. H.).

1870.

July & Aug.

Common, frequenting low stunted spruces and firs on the mountain side (Profile House, N.H.) | Col.C.K. |

1871.

July 26. Singing in pine woods (Rye Beach, N.H.).

1874.

Feb. 17. Received a female in the flesh from Grand Manan, New Brunswick.

1876.

M

Mar. 28. Several males of a little flock seen in Deadham in full song. Their song is rather pretty; it begins like that of <u>Dendroeca tigrina</u>, and ends like that of <u>Helminthophila ruficapilla</u>.

pr. 48. Several at Point Lepreaux, N.B.

Dec. 6. Numerous in the groves of yellow pine (Marston's Mills, Mass.).

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673 Date Lancon of Cherry Learning 0 --- 0 • and the married in health and buildings of a country e Little Wallette Law, all property and thought of their additioners and 6 District to place and light control of e · CHARLES OF THE PARTY SHAPE STORY OF THE PERSON OF THE PERSON. n o · Lairence | per b . the many death of fields at the section depression e e' ASSESSED BY AND PERSONS BY MADE AND ADDRESS OF THE PERSONS AND PARTY AND PERSONS AND PERSO to help that one has pushed the court of help out out references expension n n , . 0 . . in Conveyor's state switching the surround half that however, 0 0

Par s a ricapill s.

Middlesex Co.n , Mass.

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He lo. Nostrock egh, egg.

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The la. Saw one Tollo a selected arounce one.

1800.

Hay 28. Found a nest con while, server gs the had been lake probably about a mark.

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1870.

Nostaix Trash ogs.

or. 8. Ab many habit m.

15. .

Er. .. De Wilhe of heir de neive <u>de vy</u> en all e des this was marc's formag.

" 24. Sill in flocis.

Apr. 20.

Sincing in ... 700 s . L. cole my ... on was corrected to all replang almost a ... first how a Galakader flow from the low of a symp with its bill fill of to the wood which was carried to some out-lines wifered that the bank had started off from one closely I found that the bank had started off from one side of the stump leaving a small space be room i and the Poton wood. Entering at the top the birds had excavated horizon, thy for a little way, then downward, the cavity thread descending deeper than I was able to see. The step (in o.k) as six inches in tamp or and the reix inches high. The Chickader soon retried and went busil, a work again paying no a let ion to me all he the is soon rithin a f w yards of the spot.

Way 23.

Visited to nest forma in Temcoln o April 29. Proping in my syes soon became accussomed to the dim light rim field out the sitting for ale, her fachers so rulfied that it was impossible to dis in muish one part of harbody from an sor. The route of of and d, however, was dis the the mark a by a chistodia di le bluck yes of John out cassis only in the midst of the briefly of the hors. Ho work of thaping or soundingon the outside of the stump would remain an to come out, but then I tore off the bork, laying bore as est, she loft the rigs the distribution by bogan scolding amorily, when her mate appeared, accompaind to a contra ton of a same species on or a parone of may close all justing within two foot of my head; but when " became take the english that reported and I did not soo oither of them engin.

parus atricapillus

1879

iddlesox Tomma, Tesp

ffa; U)

Two pirds at work of this path of an incapparate and preparate protein which is a rooms, the other in a mathematical plant to the Taio and participant of the tippin in the; the tip and on a min borial trace whistling softly:

to the and one a min borial trace whistling softly:

to do not of a birds of the color of a model has be some and one of a birds of the color of the

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Visited throse form has an actual real to one with heavy and the six age. The fire the has held to have had a fire all to have a fire had a fire all to have a fire had a fire all to have a fire had a f

The theorems. Was in a noin packed by the day in a side in a side day which stub; height about the first; edgs frash; height of the piras were seen to-may. The hors of this et, which consol the age with object of age.

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1865. Nov. 18.

Saw a flock industriously picking pine cones to pieces, probably in search of insects.

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of the state of the state of the state of

Maine (Lake Umbagog).

1871.

May 30-June 10.

Common but very silent and inconspicuous. Found two nests in birch stumps, one June with five and the other June 9 with four fresh eggs.

1879.

June 7. Nest containing several newly hatched young, in a birch stump. About five feet above the ground. The cavity evidently excavated this year.

1880.

May 27. A nest containing five fresh eggs.

1882.

Oct.8-22. Very abundant during our entire stay. Found every where but usually in mixed flocks on high land.

100 5.

March 7.

"Sa unda, I work with my daight a form day's fisher so curr a bacique bis et l'a c'illi d'en acon in ie, laging our lunch on one side wile we sa or the other. Soon efter this for a Chickade a upper and, doubtless to the deby to smoke. As to fed the cap came nearer and nearer until they yes and on the robe eating out of our plates. The one alighted on a piece of meat which my daughter was nolding in her fingers and another on a biscuit that [beld. They seems odly passed between my arm and body as I lifted food to my rough and even brushed my bread with their wings. Finally (m) alt; .. don by daminor finger gras ing i. filmely is it helped teself o to food she was older. The eat canned boof, mince pie, sponge cake, bread, c ., to my surprise a quantity of reage ip, at the or the ice. We prolonged our i woll would harden from our they stay do not the following in the stay of the stay signification of the second of South in Mill come again". (Extract from a lot or about times for Barrot, Natholon Hollrocks Pound)

Porus atricopillus, . Council others only IS'/I. Teg BO-J. Caro Symmetry and the state of the s odf has ov.) fix end eso sect for head state of a ISTO. osts still sovered for its terming the s J. 1. 1. 1 16 . તાર્જ . માણાત્ર ૯ માં મારા મારા મારા છે. તે કે કે કે કે કે કે માણાત્ર કે મારા છે. તે કે કે કે કે કે કે કે કે ક . To ery and the first to be once of the contraction of , Nort . Programme of the state of the . The 187 . . 2881 Oct.8-12. Your than the coin cin a real real country of the country Wilma better the time thought on hit he hand.

Parus atricapillus.

1875.

June 19. Several on the sides of Mt. Monadnock (N.H.)

1876.

Dec. 6. In large flocks everywhere (Marstons Mills, Mass.).

Ø ... (aran) decreeding to south and an opposit e e Committee of the commit

Parus hudsonicus.

1866.

Middlesex County, Mass.

Nov. 1. Saw two together in an a Waltham in an apple tree by the roadside. The tree was low down and I got directly under them, and, being on horse back at the time, I was literally within a few yards of them. I distinctly saw their ashy crowns and deep chestnut sides and feel sure of the identification. There were not other Titmice with them.

1870. Oct. 29.

Shot one at Concord. It was in company with two or three Regulus satrapa. It uttered a low drawling, zee-dee-dee. The locality was a second growth of mixed woods, oak and pine.

1880. Oct. 7.

Saw one of these Titmice at Concord. I wounded it but it escaped.

. ' 01,' .2 ' 3 ' 1 . ; ' sale; (thing planting) part when he is much life or of the best well that e vie e to the remarking the last product of the last way and the plant and the part of the plant of the I was introduced without a construction of the office of the construction of DATA THE RESIDE ADMITMATE THE REAL PROPERTY NAMED THE TAXABLE PARTY NAMED TO NAMED OF THE OWNERS OF THE PARTY NAMED OF THE PARTY NAMED IN . 8 1 . out did not the control of the control of the control of the control of . 12 . 2 10 ALDERSON DESIGNATION OF STREET, STREET of words, but had placed for 0 4 1 4 13 1 Delicated it with respect to the best of the season of the season of American Co. Str. Pd.

Maine (Lake Umbagog).

1872. June 3-

Rather numerous in a belt of firs and spruces bordering the Lake. Specimens were taken which, from the softness of the skull etc., we judged to be young birds three or four months old. Others, evidently adults, were apparently about to broad. The young were not with in parties of six or eight, frequently accordanced by a pair of P. atricapillus. They kept invariably in the thickest spruces and firs, usually near the tops of the trees. In motion they resembled P. atricapillus but were rather less animated and active. They were ordinarely silent and hard to find. What I took to be the song of the male was a sharp che-day, dar very different from any note of the Common Chickade. The ordinary chirp of the two species is similar.

1873.

- July 27. I hear thom frequench; about the house and in the garden.
- Aug. 12. In the larch and spruce woods on the Cambridge River above the dam, these Titmice were abundant to-day.
- " 14. Abundant in the larch and sprace woods bordering the bank of the Cambridge River above to dam.
- " 23. On Chabridge River above the dam it is quite as numerous, now, as is the Blackpeap Chickad ...
- " 25. I am mearly sure this species utters the te-derry whistle of the Common Chickadee and also the che-dle-dee, both in a slightly altered tone.
- Sept. 8. This species is abundant around to cores of Richardson Lake.
- 22. Shot two in the woods on Cambridge diver. the notes of his socies resemble those of the Chickades. The ordinary cairp is much louder and more patulant Another note frequently heard is a sharp chin, cher-cioe, chee sometimes proluded by a sharp ele-chit or chee-chitchit. These notes are the oldy ones what I have heard. The bird, however, will constimes give them all in rapid succession in a sort of sputtering song. This Titmouse is, on the whole, a more silent and less animated bird than the Chickadee. It knops allost entirely to the firs and spruces, usually rather high sp. Its flight is heavier, and clumsi a than that of the common species. As a rule it does not associate freely with Parus atricapillus, although the two are often found near one another.

1874. Sept.12.

Shot one in perfect fall plumage.

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Parus hudsonicus.

Maine (Lake Umbagog).

1882. Oct.8-22

By no means common, but a little company of from two to five was usually to be found in every larch or arbor-vitae swamp. Occasionally a single bird would occur in flocks of Parus atricapillus but usually the present species kept apart from other birds.

Section is the section of the sectio

Sitta carolinensis.

Middlesex County, Mass.

1865.

Apr. 19.

I took a nest with seven fresh eggs in an apple orchard near Gray's Pond, Cambridge. The nesting-site was
a natural hole in an apple tree, on the west side, about
twenty feet above the ground. The hole was too small
to admit my hand and had to be cut out. During this
process the female remained quietly on her eggs although
she speedily became half-buried in chips and saw-dust.
When I finally got my hand in she tried to pass out my
wrist and the edge of the hole, but on my withdrawing it
she returned to the eggs. Upon thrusting it in a second
time, however, she became theroughly alarmed and upon
the second withdrawing came out. I discovered this n st
by following the male to it, he regularly, and at short
intervals, visiting his sitting mate with cheice morsels
ef food.

LABET ATTOMET STREET, TRACKING

· I ·

 Sitta carolinensis.

Middlesex County, Mass.

1868.

Doc. 14. Several. Very abundant this autumn.

1869.

Jan 9. Saw about twelve.

8. One.

1872.

Feb.12.

The proof of the second colling to colling t

1874.

Nov. 39. Two, exidently a pair in Watertown; when one was shot the other showed much concern.

March 31. Have seen none so far this year.

1879. Apr. 24.

Saw one in East Lexington, it must have had a nest somewhere in the vicinity although I visited the locality afterwards (May 3) without finding the bird again. The apple orehard in which it was seen, afforded many suitable nesting places, as the trees were old and full of holes and hollow limbs. I consider this bird exceedingly rare here during the breeding season. Since the nest which I found with eggs in 1865 only three instance of its breeding has come to my knowledge. Of these the first two are positive:—A nest in Belmont found by Atkinson about 1871, and one, also with young, found near the Lyman place in Waltham, by Maynard, about the same year. The third case is a suppositions, resting upon my seeing a male in Waverly woods in May 1875.

Sitta caroliforsis. Middlosex or wity, Mass. 1868. Soveral. Very abuneaut this autumn. Doc. 14. 1869. .eviews tuods was Jan 9. Ono. es . rsi 1872. Peb.12. Two, a pair, kept us a continual calling to cal another in a low tone, many of the actio points a notion ly modulated that they were audible caly a few years away. Every now and tion the usual erating hank be uttored. Then closely watched ther orld recin ...

feetly still for a long time occasionally, however, it ing a quick tern of the end. When I end off termined their former activity. I shot the feetle wenter mal showed much solicit de. This species widenly pairs for life; with Sitta on the life with Sitta on the species with Sitta on the life; with Sitta on the species with Sitta on the species of the life; with Sitta on the species of th

1874.

Yew. 20. Two, oridently a pair in Tatertorn; when one es

densis I think this is not the case.

March 31, Have seen none so for this year.

1879.

Sew one ir Rast Indington, is must here had a not somewhere in the vicinity although I virted the locality afterwards (May 3) without finding no bird again. The apple ereland in which it was soon, afforded rate suitable nesting places, as the trees were old and not of holes and hellow limbs. I consider this bird exception of holes and hellow limbs. I consider this bird exception of the nest with ergs in 1805 only three instance of its broading has come to my knowhedge. Of this error of its broading has come to my knowhedge. Of this broading has come to my knowhedge. Of found y thinked not 1871, and one, also with roung, found near the types of the west and by Maynard court found near the types in the case it my near the same year. The wind ease it my next ions resting your year, are note in the resting.

Maine (Lake Umbagog).

1874.

Sept.11. Shot a female.

1880.

- June 1. Saw a male in the flooded forest at the Outlet.
 - " 8. A pair among the stubs near Peaslee's spring, the male uttering the rolling call peculiar to the breeding season.

1881.

May 20.

Set B-5. -- Fresh--nest in a natural hole in a red maple stub which stood in the water; hole descending about six inches. I found the nest by watching the male who every few minutes would fly to the hole with a large worm and utter a low hank, when the female would extend her bill and take the morsal from him. Once she refused it and he instantly swallowed it himself. When my guide began to climb the tree the female flew from the hole and disappeared, neither she nor her mate returning till after we had left the spot. I saw a pair of these Nuthatches in precisely the same place last season.

1882. 0ct.8-12

Two observed on October 9, and two more on October 14; all in the stubs along Cambridge River.

Sitta canadensis.

Middlesex County, Mass.

1865. Feb. 18.

One shot by D.C. French in the top of a dead white eak near Fresh Pond Lane. It flew in zig-zag lines unlike <u>Sitta Carolinensis</u> which always flies in a straight course in long undulating sweeps. It also sounded its note repeatedly as it flew which I have never heard the common species de. It is the first I ever saw alive. The winter has been very severe.

n /

Si ta ca en is.

16,0.

Micclas at Count, ass.

Ang. 15. An adul: male running about the prink of an elm (combining).

Sept.Oc: -

Nov.12. Units ally abundant in this vicinity. Found almost excitisively in yellow plans some lines in companies of six or seven, but more frequently single or with roving flocks of Peatricapillus. These has reserble so closely in general color od no long as to be hardly distinguis able when high up in the transpose, like there, hanging head downwards from the extraminies of the branches or pine cones, and ratel transing about the large branches and trunks in the mander of Sitta corolingensis. Their notes, reich a list mean of solder heard, are similared fined as some solder one of the situation of the pingular and distance from any type, hopping along an old rail fonce in an open find.

10.1.

Jam. 1... For one is a yellow pane thor interpeny with a number of Grospe's and Fitmice.

Lordo

Sew seve al. They have been very as undant here this art ma.

This species, unlike Si a caroline sis, is never found in pairs at its season.

" 30. One wit Kinglets, probably the search of search

10700

Have se one twice lately in a control the Kingle's in our Linden Tres; portugation it is a control of section of the New Yorkship.

A ? Il: ro green hest evering.

Sitta ear densis.

Fiddlesex Count, 'ass.

Aug. 15.

An adult male running about the trunk of an alm (dmbridge).

Sept.0et.
Sept.0et.
Unusually obundant in this ricinity. Found almost ov.12.

Unusually obundant in this ricinity. Found almost ov.12.

Six or sevan, but ore frequently simple or rithroving flocks of P.atricapillus.

Flocks of P.atricapillus.

These they result as a series of the series of

flocks of P.atricapillus.

These ther reservable selection and methods as to the condition of the condition.

den. 15. Pouse one in a pollow nine energy tith a test of the country tith a test of the country tith a

Soft solution of the solution of the solution of the solution of the solution.

inv. (. A because of comes solvenine in Weigroom,
This species, unlike Sitts is never and a mark in pairs of the

* 20. One with Minglets, archeby he such tird are the

1875.

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Peb. 10. Have seen one bries is elected with find a lind on the same in the same in the same seems as a lind of the same seems as a lind of the contract of the same seems as a lind of the contract of the same seems as a lind of the contract of the same seems as a lind of the contract of the same seems as a lind of the contract of the same seems as a lind of the contract of the same seems are same as a lind of the same seems as a lind of the same seems are same seems as a lind of the same seems

ay G. A found in our garden lest evaling.

Maine (Lake Umbagog).

1871.

May 30- June 10.

Rather common but silent and retiring.

1872.

June 2-

More numerous than last year but by no means abundant. Although all the species taken were adults their notes at this season are uttered in a high nasal tone not heard in autumn and are kept up incessantly like the cries of young birds.

1873.

Sept. 22. They have become abundant within the last few days.

1879.

June 23.

Saw one catching flies precisely in the manner of Sphyrapicus.

1880.

May 19.

Set A-6. -- Incubated several days; nest in red maple stub over water; tree very rotton; height about twenty feet; hole on West side about two feet from top. A quantity of pitch, which my guide pronounsed unmistakably spruce, about the entrance and inside its tunnel. Stub standing in five feet of water twenty yards from the shore, which was heavily forested with hemlock, spruce, and hard woods. Female sitting; she would come out when we rapped on the stub but almost immediately return to her eggs.

While my guide was cutting off the stub about two feet below the hole, she repeatedly alighted at its entrance.

« 20.

- Set B-7. -- Incubated about four days. Birch stub, in the woods bordering Cambridge River. Height twenty feet. Spruce gum thickly smeared about the entrance of the hole and over the whole face of the stub for a distance of six inches. Nest composed of the fine inner bark of the poplar. Our attention was drawn to this nest by hearing the birds uttering a peculiar, continuous whining noise. This was apparently the call of the male to his mate for she soon emerged from the hole answering him when both went off together. The stump was so rotton that we had to cut it down. The top broke off falling into a brush heap below, cracking some of the eggs, but breaking none of them. Shortly afterwards the female returned and in evident bewilderment hovered in the air over the spot where the tree had stood, vainly searching for it.
- June 5. Nest with young on the lake shore; entrance hole on east side of dead maple stub surrounded by water; height fifteen feet. An abundance of fresh pitch smeared just below the hole; the male and female came alternately with food at intervals of about a minute; they were feeding the young entirely on Doptera which they caught on the wing.

Sitta oc instis. . Round to other carist 1011 -.)(. 7"..)(" .OL outt amorti i di a ne activiti Loring with the property of the state -G omit Trend allow real actions to the first amount of the 拉耳 r no r no en la companya de la compa of the file of the state of the CP 20 CP 10 CP 10 CP 10 Lill is 18.8. C. Replace to the control of the second of the · dial Sometimes of the control of the cont .C. CHOL

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1881.

Maine (Lake Umbagog).

- May 14. Three nests building. In one the female was busily at work excavating the rotton wood; the male keeping
 up a continual nasal whining cry. In another the cavity
 was completed and the female building her nest. We
 watched her for sometime as she crept about the trunk
 of the arbor-vitae tearing off shreds of bark; this
 pair also was very noisy.
 - " 26. A female building her nest in a hole where I found a nest with young last year. She came and went at least once a minute, uttering the finest kind of a piping chirp as she flew, and apparently bringing only one shred of bark at a time.
 - " 27. Cut open two nests which were found on the 14th.
 One which the birds were then excavating, was smoothly
 finished to-day, but there was no nest and no pitch. To
 the other the female was carrying bark on the 14th; this
 nest was finished to-day but contained no eggs and had
 but little pitch. Both birds, however, were there,
 and both were bringing pitch and plastering it on the
 bark below the hole. I watched them a long time. They
 brought it on the tips of their bills in little globules,
 alighted against the lower edge of the hole, and then
 tapped it on in various places as low as they could
 reach, but without shifting their foothold.
- June 3. Nest composed of fine inner strips of soft, inner fir bark.

1882.

Oct.8-22.

Abundant during the early part of my stay and seen sparingly up to its close (I shot one October 21). One or two--rarely more however--were always to be found in a "mixed flock".

1880. Ms. 29.

Nos in a tall, ver so on ash a ab a loss fifty for above the water. We some obliged a condown to troe. It broke off a some mast whom it seach and all the ongs but one ware dose oyed. As an all errors a to ve con into of piner about a colo; eggs the batch as a six days.

Sitt's common of tis. .1;:1 . Co o ad C salar) caso" -lating of at the property of the section 2. I -(.) god seed of the distribution of the distribution of the year to the form of the second and the state of t Signal Committee of a not be to see you got to be a of the errhor-vituo tarread off a record ofk; this action yrow as out than bund I show the city and and her pribling effect t The first transfer of the figure of the transfer of with the tail that " I religible offer a concerns one when all one fines that the first are the only ertit man desn 1 - her a all decition inner erect silventation of the decition 0 1 2 32 ying rate assumptions of the committee of the committee of the Putting of the common of the particle of the To tia of or the is the countries bridge the left to the bod by a company in a decimp of a second of the percolone include participate and and and els so storice and indicate and making and the burg vio i valu. I reisa i value line, fing brown rit a var van brits in it river pilis in its viologiss. we have a for a high the error of a figure of the contract of the first of the The sound of the second of the second TOTAL COME TO SELECT A COME CALLY BY THE PORT OF THE SELECT at (121) 1 to () 3 1. 1 () mer. 1) need and the following the second periods of $r_{\rm col}$). (I. $r_{\rm col}$) and the color $r_{\rm col}$. (3) THE THE STATE OF T

Sitta Canadensis.

1870.

- June 29. Shot a female that had evidently incubated this season. (Muskegat Island, Mass.).
- July 28-
- Aug. 13. Abundant in Franconia Notch. They were rather silent and kept company with all the smaller birds indifferently. Young in nesting plumage were not uncommon: They were not confined to any particular kind of tree but seemed to prefer birches.
- Aug.19-30. Very abundant at Rye Beach, N.H. where they frequent groves of Pinus rigida roving about in companies of six or seven. They occasionally came into the orchards and even ventured on the houses and outbuildings, hopping about the caves. (Rye Beach, N.H.).
- Sept.2-9. Rather scarce at the Forks of the Kennebec, Maine; frequented the spruce forests in company with Warblers etc.
- 1874.
- Nov. 6. More abundant than I have ever seen them elsewhere haunting yellow pines (Marston's Mills, Mass.).

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- And and the core was a large of the core o

aminute orders at themse for

Certhia familiaris conceana.

Mi lesex ounty, lass.

18:17.

ber of leaves, raising each in hi ill o live it a sharp upward jerk.

B. C. Cic.

one. i. i.g.

" 14. One singing.

ct. 24. One, first this autumn.

18.9.

eb. 7. Ono.

was loud, clear, and simplar to profit of real processing but shorter.

« 8. One

" 14. One singing this morning. Its notes Till . A class not unlike those of the Transparent.

ct. 1. Several.

ov. & Dec. Numerous.

1870.

ati. 9. Several.

" 20. Three or four.

" 28. One.

" 30. Three.

ar. 10. One.

pr. 10. Still here.

ept.19. Two.

et., Nov.

Dec. Abundant.

1871.

.an. Fro . See at intervals.

ar. 6. A male senguag.

pr. 2'.. One probably the last

" 20. One not in elect. he as of we are o.

Corthia familiaris americana.

iddlesex County, Mer. .

1871. Sept.21)

Sept.21) One, the first.

1872. Feb.12.

Shot a pair. Wence became soparing from a other it would call budly one-pze-pze, argree of the tee other answered would by directly to the oot of the tree and burn up to join it uttering a series of four otes. When these indeed discovered the compact is the them they remained to be the silent of the terms minutes and were not infficult to the order of scales of rough pine bank.

1874.

Feb. 19. Up to this date I have not heard or seen a sir le i dividual, although I have neen through their usual munts at frequent intervals during the winter.

Mar. 31. One seen in Brookline, the first this year.

Mov. 30. Very numerous at present.

Dec. 10. Shot two males which were together in Watertown. This species does not, I think, pair for the entire year. It is true that at this season two are frequently found together but they are as often of the same sex as otherwise; and in oither case seem enally attached to one another.

1875.

Jan. 18, Distinctly saw one swallow several large mouthfuls of snow from patches adhere at the bark of a linden.

Apr. 6. Tale in full song.

Lov. 3. One in Watertown.

1876.

Two, frequently burst: into balf surpressed song as if unable to quite restrain their feelings yet concious that such a betrayal of them was unseasonable.

13 'ay very warm for Tare: Thermometer rising to 700.

"24. Saw live. One enter a shed on our place and state up one of the posts i ide i neare of inserts.

The ame wird also alight mong the rior twice of live sitting with the above rect its all prossed and the twigs for aup of the cole aligher. The same is a second a treating to the cole aligher.



Certia familiaris americ

1875.

idulesex wounty, mass.

Syveral in Watertown.

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Contraction Contraction Contraction

1865.

Nov. 8.

Very numerous some being found in every passing flock of Chickadees. One climbing up one of our lindens te-day paused for a moment and uttered a low, sweet, warbling song.

1879.

Oct. 16.

Saw ho less than seven in Concord, all in mixed woods of chestnut and oak interspersed with a few young pines. I think they must be migrating. Three were together with Titmice and Kinglets.

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Maine (Lake Umbagog).

1876. June 9.

Several pairs among the stubs at the Outlet.

1879.

May 31.

Nest with set of six eggs behind a scale of loose bark on the trunk of a dead fir. Height ten feet; female sitting; eggs incubated four or five days. ter I had removed the nest-bark and all-the female returned, examined the spot where it had been, in avident bewilderment, then alighted at the foot of the tree and ascended it to the top, searching it closely. This she repeated at least a dozen times in succession. song of this species is not powerful but exceedingly sweet and wild. It consists of four notes distinctly but rather quickly given and most resembles the song of Parus carolinensis.

Set of six eggs incubated about six days; nest un-June 5. der a strip of bark on dead fir; height ten feet. I found it by following the female who flew to and from the tree a number of times, entering thenest and then

again leaving it as if building. She uttered her shrill creep at intervals while I was taking the eggs. The male

did not appear.

14. Nest with one fresh eg.

A nest containing young which the mother was foeding. She made frequent trips to and from the tree going only a few yards away and always securing a billful of food for her brood on one of the neighboring tree-trunks. The young were absolutely silent when being fed. . The mother watched me also in silence and without apparent alarm while I inspected the nest,. This nest was a stub that stood just outside that woods on the shore of the Lake, and surrounded by water. It was not over four feet above the surface of the water. Some of the materials of which it was composed hung down an inch or two below the bottom of the bark-scale. I also found that two nests, both old ones, behind the same scale of bark but on opposite sides. This piece of bark, was a huge sheet adhereing to the trunk of a dead fir that stood in the water on the extremity of a point. One mest was probably a last year's one, it still contained an unhatched egg, bleached, and cracked. The other nest was evidently of older origin and probably built two years ago. I regard both these nests as the former homes of the same pair of birds that built the first nest found by me this season; the site of the latter being not over fifty yards away from this spot.

" 18. A female at work upon an unfinished nest.

19.

Set C-4. -- Fresh--under bark scale--fir--female sit ting-found June 14 when it contained one egg. The female sat very closely and flew about my head as I was taking the eggs, coming within a few inches.

Cornio for iliaria sogrice o. Medica (Jacaba bara). 1876. 1379, o: ffor a bir i oxiv o to f dat 1 1a, 31. bork on the rund of cread to let it to feet; feet; for Le ...tiller, mg. incub of the five days. to not continued to such as the arms of the evictor of the such as bolike and the afterd of of the tree and and and it is it to see the search is also in the search ្រ ខេត្តប្រជា ១ វិក្សា ១ នេះ ១ ស្រប់មា Ignibe - all fire w for the coq a - 1) was swom and the Market of the restricting but rainer in cit girm an art is it he sor of Parus carelles a ... Ellersian sineub - militare b; no: un-Jum 5. der a de la company de la contraction de la cont I turn any formation of the last oned from to bree the conficulty and the confict of flin . To be the control of the first the same s _ '. . · ·), jb . is the continue at 4 14 14. marker for the second of the s to the entropy of the first of the control of the c To Intiduct of the helping of the gardenst, in the two , the simple of the second of c. The grant of the committee of the com some and the first term of the state of the field with the is a second of the second of t To error and the control of the cont were two to the training the contract of the of the control of the TO BOUND STOREST BOOK FOR BUILDING BUILDING BUILDING in the second of thing of the site of the order of the color to the the contract of the property with the state of the state The state of the s all in December 1990 to the second of the contract of the cont was some and the second and the second are the second as the second and the second are the second as the second are Taken Aff Indik abada kungi sebesah 186 meninggan Relah Companya Kabangan Kabangan Sebesah Sebesah Sebesah Sebesah Sebesah Sebesah Sebesah Sebesah Sebesah Sebesa ·黄色 - 黄色 - 秋中草 - 夏水之 - 655 - 一月 - 17 (1) - 多 - 1 (1) - 1 (2) , the confidence of the confid

-6' €. The section of the secti

Maine (Lake Umbagog).

1879.
(June 23)

Set D-4. --Fresh--harkescale--dead fir--height
twelve feet--birds absent--tree standing in water among
hard wood stubs. This nest was found June 18 when the
female was at work upon it; the first eggs must have
been laid the next day.

1880.

- May 17. Numerous males singing.
 - " 18. Singing every where in the woods.
 - " 21. A nest with young at least five days old in bark scale over water; height four feet.
 - " 24. Nest just finished.
- " 25. Set E-6. -- Nest in scale of fir bark; height eight feet; tree surrounded by water; female sitting; upon prying off the bark I found her clinging cominst the trunk about six inches above the next; she then flew off and at once disappeared.
- " Set F-6. -- Fresh--fir--height seven feet--tree standing on lake shore among stubs; nest near the top of an immense scale of bark at least four feet long. Upon tapping the bark the female came out and at once disappeared.
- " "Set G-5. -- Hemlock; on high bank bordering lake partly shaded by the woods. None of the materials of the nest could be seen from below. Height eight feet; male singing about twenty yards off, female feeding with him; when I climbed to the nest she flew about my head uttering her shrill treep and showing much solicitude.
- " 27. Set H-7. -- Fresh-height six feet; tree standing in shallow water just outside edge of woods; female sitting; she flow from the nest them we tapped on the tree.
- " 29. Set I-5. Nearly hatched; ashe stub over water; height five feet. The character of this nest was unusual. The bark scale was so small and so closely attached to the tree that it seemed impossible that there could be space left within for the nest. We discovered it by seeing the female alight on the trunk and disappear behind the bark. I tapped on it sharply but she refused to come out; looking in I could see her closely squatted on the nest, her little form calpit ting visible with fear. Upon paddling off a little way she came out.
- June 1. Ser K-5. Nearly hatched. Fir; height eight feet; female sitting. She flew from the nest when I rapped on the bark but beyond an occasional creep showed no solicitude. The bottom of this nest hung down below the lower part of the bark so that we saw it from some distance: Another about fifty yards off contained newly hatched young.

Certhia familiaris americana.

1880.

Maine (Lake Umbagog).

- (June 2) Set L-5. -- Fresh. Ash stub over water; seven feet; found May 24 wher only a few shreds of material had been placed within the bark-scale.
- " 3. Visiting the nest found May 21 and prying open the bark, the young, four in number, started simultaneously and flew out. One falling in the Lake was seized and instantly swallowed by a huge bull-frog; the others when held against the trunk of a tree instantly crept upwards using the short tail precisely in the manner of the old bird.
- " 4. Set M-6. Incubated seven days. Fir-ten feet; the bark-scale standing out from the tree at a wide angle the nest visible several rods away; female sitting; she flew from the nest just before I reached it and immediately disappeared in the woods; the male was singing near.
- " 7. Set N-6. Fir on edge of water; height eight feet; Incubation four days. Nest found May 27 when it contained one egg.
 - Set 0-4. Fir-five feet--water's edge outside woods-- fresh; nest found May 27 when only a few shreds of the foundation had been laid.

1881.

C\$...

- May 14. Watched one building in a strip of bark on maple, and during the day found two other new, but unfinished nests.
 - 25. Set P-6. -- Fresh--fir--hright twelve feet. Tree standing in shallow water on the lake shore.
 - Set Q-6. --Fresh--fir--height five feet.
 - " 27. Set R-5. -- Ash stub standing in the water; height five feet; incubated a few days; female sitting. When I pried off the bark she climbed up above the nest and clung there, evidently much frightened.
 - on the 14th we saw a Creeper carrying building materials behind a scale of bark. We approached rather too near when she dropped her load and eyed us suspiciously. To-day we found that nothing had been done to this nest since our former visit; we examined it carefully, however, and its position merits description: The tree was a large red maple standing in the water and perfectly dead. The bark had simply cracked in a long narrow slit and held fast both top and bottom. The space sithin was very narrow I have never seen a Creeper's nest before ona a maple; nor have I seen one in a bark-scale which was not separated from the trunk below.

Certhia := 11 ric moriesc. . () :: , I · (0,000 (00) 4,000 The state of the s (10000) I was a substitute of the subs . The state of the The state of the s but the control of the first the first the first series and the state of the field of the state of t The control of the co To a term of the inequality of the least of 2 1128 1 2 2 2 1 1 If a contract the second of the : this is the type of the the terminal of the → the back of the to the control of the theory of the control of was a second of the second of Chief Rain Macon is a second of the contract o -deficience of the order of the second of th CONTROL STATE OF THE CONTROL OF THE Zhilling you the training more than the the co 2 2 1. 10 × 10 1. 10 1. i, t efermine formation and an all the first terms Beddings to person and an experience of the second .ann / Transconding S and the second of the second o 33 ္ ကို ့ခံႏွင့္ လုိ လုိင္ေလး လ the entropy of the New York Control of the Control . 1 3 the Mark the second of the first the second of the second Michael Control Contro 3 2 · . 22 - TOTAL TESTER OF THE MODEL OF THE CONTRACT OF THE PARTY NOT SEE THE SECTION OF SHORE SECTION OF SECT ξ' be't tif: TY 2 The second of the se But the second of the second o The employed are after the first the second of the second and the company of the second of the second The feet shows a common to be an even from 37.

Certhia familiaris americana.

1881.

Maine (Lake Umbagog).

- (May 28) Set S-6. Fresh. Fir shad standing on the adde of the woods in the water; height five Cest; nest political an enormous scale of bark. The famile not sitting but as we were taking her nest she came with her bill foirly vrammed with fine bark, which she was evidently about to work into the nest. The latter, however, was unusually deep, and elaborate.
- " 29. Set T-b. Fresh. Herlock standing on the Jake stor; height eight feet. This nest contined two eggs May 26.

Corthia : IVI sin r river. 1881 a constitution of the no como en la companya de la companya della companya della companya de la company The right of them to the term of the contract -- And Color of the second of the second and the second of to stand the control of the part of the pa organism in the second of the .c. creation and large the

Cerbhia familiaris americana.

1868.

Aug. 1. One near the Profile House, N.H.

1869.

July &

Aug. Moderately common and breeding, me ar the Glen House N.H.

1870.

Aug. 1. Abundant near the Profile House, N.H. Took a young bird just from the nest to-day.

Troglodytes aedon.

1866.

Middlesex County, Tass.

. May 6. Saw one carrying sticks into a bird-box.

" 22. Hest with two eggs.

July 9. They are beginning to lay the second litter.

1867.

June 8.1 Found a nest with seven eggs.

1808.

'ay 5. Several males.

oune 24. Many of the young are out.

July 14. The eggs of the second brood are hatching; Whe males still sing Vigorously.

tur. 0. till si ir.

ow, 19. A halp string.

St. On a less.

1809.

Apr. 28 Several (Cambridge).

with six well-advanced, hole in perperior stump opening downward instead of upwards from the too.

1870.

Tay 2. A male singing.

ept.22. One, the last.

1871.

One in Cambridge (Atkinson).

" 29 General arrival.

1876.

Two (Belmort).

1879.

Sept.29. One in company with Sparrows in the garden

1865.

May 20. Nest with three eggs (R.Deane) .

1882.

Sept. 29 Shot a young male (moulting) in a stone wall by the roadside, it was in company with Chipping Sparrows (East Lexington).

Proplets of colon. JUGUS .ags . introb resolibit Saw one carrying abloke in a bird-box. .c. (33) a 533. . वरपुर करने हिंग अबर ह The beginning to be a considered at them. 01:01 in estilli TO THE RESERVE OF THE PROPERTY . #110; I Sevent rateral : : 5. in car .tro er. v. nor e. t lo yash The east of the secret broom the Laterians, the .vIanorogiv gnia flide actor Still sin im. .0 .801 000.19. A Mala sun; ting. 1:1 C.o. ble lest. .COSI Soveral (Garbring). 88 . 11.1 . '. I . :115 . Most at a six mell-nd traced, hole to persondicator stump of the contract inches of to order from the top. 28:19 A sele single. · S 7:35 . Set , 16 . .Ja. i olin , ento 1871. . 35. One .: danbridge (thrinson). 3G n Comorel orrivel. 1876. . M. . C. C. T.M (Sellmont). 1879. Out in company with Spectows in the cardon · Mistrell I MARKET, THE RESIDENCE AND PARTY. . ^ will be the made out I partition to the party of their) d. Point annual parents of the species of the philosophic .

Troglodytes aedon.

Maine (Lake Umbagog).

1871.

May 30.

Found a pair breeding in a hold in a birch stump, in the woods at Bethel.

1880.

May 18.

A male, the first ever detected here, singing near Peasley's spring.

June 8. Set D-6. Natural hole in hollow stump--height two feet; incubated four days -- female sitting; male singin. near. Clearing mear Peasler's spring.

1881.

May 11.

Several at 3 thel.

· TONG OF BUTTON

egome a for the control of the contr

Troglodytes aedon.

1872. July 19.

Heard singing from Cambridge to Stoneham, Mass.

. DOOR PROPERTY OF STREET WATER TO SELECT THE PARTY NAMED IN

18 ...

Middlesex County, Mass.

- Nov. 23. One in a woodpile.
- Dec. 4. One in the bushes on the edge of Fresh Pend, now disappear in schind a rock, next hopping out on some projecting root, elevating its tail and sho that great entry and spreadings.

1869.

- Jan. 9. Shot on: In the Pin: Swamp. He can hopping thou: on the snow chong some tall weeds.
- Oct. 6. One (Conserd).
- Nov. 10. One (Wa ertown).
 - " 13. Three.
 - " 23. One.

1870.

- Jan 4. One among cedars.
- Oct. 13. One (Lexis gton).

1871.

- Jan 3. One in Waltham, hopping in and or at ong cr, these in the stone at derpining of a barn. The ground was covered with slow.
- Sept.18. One sho n the Maple Swamp.
 - Four or five in the Maple Stamp.

1875.

- Oct. 14. While I was waiting for Droks is evening on the wooded shores of the pond in "Fairyland", Concord, a Winter Wren i est out into full song among the rest oak timber of the hill behind. He concrete his of the mance several times. It is the first the lever ward this species sing in Massachuse is.
- Nov. 13. One in B. Lmont. Its note; a some tick
- Dec. 2. One in Pine Swamp; the the for ter has deal at to zero durate; each of he past we wants.

1876.

- Oct. 9. One, to 'irst (c.eord).
 - " 12. Three, all it old a one walls (Go. 60 d).
- # 27. He to so one on a source of the Core).

Anorthurg hi walks. 18.0 adding the Reaction I'm One is a working. (11) W. Or in the branch on the dree of restand, now . D . D . W dispers as builted in ek, now hosping out on come decide root, startar its test and about alost ty and the service of BURIT thous grighod as all . The end of the store J. 6 on show show smong some toll modes, ... One (Concord). One (Wetertown). . V. I . VO . 99% T One IUNC. . : st the among conars. Oct. 13. One (Lewingson). LUGI .6 .185 One in "allies, adjuste in and out frong drevices in the stone uncorplished of a para. The ground was . Wone dith bourse One sheer the toll and #11 F. C. C. .grand elga" car at evil to mov .83. Line Oct. 14. While a was mailing for Incks this equing on the wooded shores of the end in "heir dend", dencord, a "int r Wron barst out into fall song among the heary oak timber on the hill behind. He re eated his perfor-"anes severa: times. It is the first time I ever heard this species sing in 'tamen assist. One in 'e. out. Its : ote; a sharp tick 1 0.7 . 1.5. one in the Pine Swamp; the Mornov ter has fallen Dec. 2. to zero during each of the east two middles. 1870. Oct. 9. One, the first Consord), Three, all in old stone mills (Concord). 12. 2.3 Have seen one tope the day letter to the Here 27.

Anor Walls.

1880.

Middlusex Co . y, Mass.

- Oct. 8. One in an old stone . 11 (Conco.:).
- " 12. One in a rush hea . . d tch (Conc.).
- " 27. One na stone wall (C sold).

1881.

- Oc . 11. Two in Stone Walls (Conword.
- " 12. Thro. has car tells (Concord). They we not seen if he became the hard a shoot as lay that one is the content of the walls, fill the on ahead with surpressing rapidity. I ropea dly heard hard alarm note, which so has alrest processly lake to holse by what a clock.

Anorthme libralis. ·)301. "iddlesex County, "tous One in so old stone tall (Concord). 0et. 5. a lii. One is a brown liver is a ditch (demenya). * 1.77 23 . (byce no) flow emodu a all can . Ital Tro is Stone Wells (Condord. .I.E . 'OC' a 12. Throa in stone ralls (domeond). They were not aspecially only but were rather hard to shoot as that kept on the Further side of the walls, flitting on a rad with analo made based yibetseegon I .ytibicar prizingnus note, which sounds almost processly like the coise by Windin . clock.

Maine (Lake Umbagog).

1871. May 30-June 10.

Common. The males sang at all times of the day but especially in the early morning and just at sunset.

So shy were they, that we did not take a single specimen, and only once did I get so much as a sight at one.

1872.

June 2-14 Although these Wrens were numerous and continually singing we did not succeed in getting a shot at any of them.

1874.

Aug. 1. Heard a male in full song.

" 5. Came upon a large brood of young near the Stone
Path. They were very tame, one of them coming up almost within reach of my hand as I stood motionless.
They kept up a continual calling in fine, shrill whistling tones, which reminded me of that of certain Thrushes
during the breeding season.

1876.

May 26. Singing every where and much more steadily and energetically than I ever heard them before.

" 27. This species is about the shyest bird in spring that I have ever tried to shoot. It is almost impossible to get within range of one or to see him when you do. I saw one to-day go down between the logs of a rude bridge and walking out on the structure very cautiously spied him hopping about directly under my feet chasing spiders and occasionally picking an aquatic insect from the surface of a pool of water. The song of this Wren is one of the best to be heard in this region. The notes are remarkably like those of a music box both in tone and method of delivery.

" 28. A male sings at all times of the day in the woods behind the house and once or twice I have heard him in the wood-pile near the barn.

June 22. They sing very little now, and only in early morning and again at sunset.

1879.

May 24. The woods are filled with their delicious music.

As I was sitting on a log in a secluded glen one came and sang within ten yards of me. While singing his tail was depressed, and in the intervals between the songs he bobbed up and down with a bowing motion.

"Constitut offert office

1871, Corror The release her at 11 'iros of the day but .treates the less, but yet to the contract the section as June 10. So say men thay, then we did not belt a mirelo appoin ion in this a an ion to a top I bin come that has the

1872.

Allboard thous throughours was another society AI-C OHITE In the soils a till a to i becomes for bit of the signis . morit

1874.

and fine at all and of Aug. 1.

Can a confirm of the second of the Stone Path. The servery that, one of the coming up almost within rated of his had in I seemd to employe, They keet up a continued celling i fine, sarill wallling tones, which reviveled to of the of eversin Ylruchos . and ca publicate off union

1876.

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Juno 22. The sing very little not, in only in orth ore Jonatha de di to

1878

eign weight the the built of about it .21: You bos other contest in a topon in all all gent fit that the mean fitting a for about new distriction a ed moves on a complete term of the complete comp . with a million that the second sedded

Maine (Lake Umbagog).

1879.

May 28. Ever since my arrival a male has sung regularly in the woods behind the house. To-day I found the female at work upon her nest under the trunk of a fallen tree covered with brush wood. She came and went at frequent intervals with her bill full of shreds of green moss. This she collected only a few yards from the spot to which she carried it, half-running, half-flying over the ground, invariably keeping concealed under the side of a fallen tree-top. When she emerged from beneath the roots where the nest was building she invariably paused a moment and quivered her wings tremulously, at the same time rocking her body to and fro.

June 16. They rarely sing now except in early morning.

1880.

() . n

May 16. In full song.

" 18. The woods ringing with their exquisite music...

" 28. Set A-6. -- Three eggs incubated about five days, the remaining three addled; nest set into the face of earthy root-bank near its base, about fifteen inches above the ground; the female started off dropping to the ground and half-running half-flying, glided around the corner of the bank and disappeared. She neither returned nor made any noise while I was wrapping up the eggs. I suspected that there was a nest in this bank when I passed it May 24; at that time the bird also came out but she glided away so silently and mysteriously, that after hunting the bank carefully I declared that I must have seen a shadow. Indeed, to-day I found the entrance to the nest only after the most careful search.

Two other nests found to-day, one just completed,

" 29. Three nests in root banks; two apparently new, but empty; the third evidently old within two feet of one of the new ones and in the same bank where there was also an old Water Thrush's nest.

the birds at work on the other.

June 3. Set B-5. -- Nearly hatched. Nest on face of root bank supported by fine tootlets and not at all concealed as was Set A-6. Placed at top of bank about five feet above ground. Both birds about.

" il. Set C-6. -- Fresh. Nest in under side of an immense root bank, in pocket excavated by the bird; the face of the nest flush with that of the bank; female sitting; she came out in my very face and glided; silently away, returning shortly afterwards and entering the nest when I was within a yard of it. She was silent; male singing about fifty yards off. This nest was about one hundred yards from the site of A-6 and evidently a second laying by the same bird.

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Maine (Lake Umbagog).

1880.

(June 14) A false nest, the exterior of green fresh moss. but empty and without a lining. This nest was found June 4, when the bird flew from it.

1881.

Numbers.

1882.

Oct.8-22 Abundant up to October 16; none seen afterwards.

Amort' re hieralis.

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1869. July & Aug.

Common haunting the depths of the forests where they threaded the piles of fallen tree trunks like mice. At the time of my arrival (July 20) the young were all on wing, and although many were scarcely feathered they were often found apart from their parents. The males sang only occasionally at daybreak (Elen House, N.H.).

1870. July & Aug.

About the Profile House, N.H. the woods were literally filled with them. They occurred sometimes singly, sometimes in large families of young barely able to fly, frequently accompanying the mixed flocks of Warblers. The young uttered a shrill cricket-like chee-ee-eep and rattling tick-tick-tick. Heard the last male singing July 29.

1876. Dec. 7.

One skulking under the banks of a brook (Marston's Mills, Mass.).

1882. July 27.

A male in full song in the mountains about a mile west of Greenwood, Maine.

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NAME OF TAXABLE PARTY OF PERSONS ASSESSED FOR PERSONS ASSESSED FOR PERSONS ASSESSED.

Michlesen Com . Mass.

July 15. Discovered his species for this important in the Trick and Scrop. It has a some selection of the selection.

July 20. Visiting the colony in the Prick and Swamp and discortained as some aning five newly-laceted found and an addled agg. Uhlike the folso ness it was well concealed sping placed low down in tall, dense meadow grass.

Sep .15. Several young males ring to sing.

" 25. Several,

18.9.
Jane o. Manbers.

10,0.

For be. Sporal.

Oe. 21. Shot one a last. I had hosel the my dog point od in record to fly.

10"..... 00 . 7.

Showers in the full full places on the Trash P dense as a first when the first end of the of the backward.

1875. J. n. 1.

A sold often in A. Freir Pender cales near to Bost to and, in a bedo's coarse flags bordering the brook. The real-sent and transh, therefore will, set a draw that is a sold a solding obtain the fender of an and incorrect value of the force of an and incorrect value of the force of an and incorrect value of the Short and forbids of the rates from the rate of the fender of the fine of the paper of the fine of the paper of the fender o

1868.

Cistothorus palustris.

Middlesex County, Mass.

Discovered this species for the First time to-day July 15. in the Brickyard Swamp. It has the same saucy air, irregular jerking, flight, and scolding chatter as C. stellaris but the song is very different, being harsher and more gutteral. I found several files nests, all very conspicuous as the surrounding rushes were bent over and woven into their tops. The eales scolded vigorously whenever I approached one of these nests.

Visiting the colony in the Brickyard Swamp and dis-July 25. covering a nest containing five newly-latched young and an addled ogg. Unlike the false nests it was well concoaled being placed low down in tall, dense meadow grass.

> Sept.19. Several young males trying to sing.

> > 25. Several.

1869. June 5. Numbers.

1870.

'ay 24, Several.

Shot one the last. It lay closely and my dog pointct. 21. ed it repeatedly and almost caught it before he could force it to fly.

1874.

net. 7. Shot one in the full fall plumage in the Fresh Pond marshes. It was very tame and its chatter resembled .nerW eauoH odf to fadt

> 1875. June 1.

A small colony in the Fresh Pond ra shes rear the Block Island, in a bodof coarse flags bordering the brook. The males uttered a harsh, gittural will, resembling the rattle of a chain pump but less loud; they also uttered a scolding chatter ver, like that of the House wen and identical with that of the Election ers; the took satisfied was undulating, short and foo-The sales frequently mounted straight of hore the cir to ten beight of fifteen feet or me of through as king ase which then dropping into the was just as closed ings. Found one nestibiliting. 1875.

Mi dinpax d. . , har.

(June 10)

Visite ed at on the Sh Pend Lishes. The birds fere has a second of the following of the singing I to moon so of the property of the In our alses were the a formal who are a smooth to the second Some and the result of the state of the stat course granter Tags; -- all 7 - 7 - c map con a and all to Inductions. One alres continue for the type was spended to the transfer of some a here in grasses and limid (i). Time grass, a 1 to down and a fow tha mors. It was quit as come consus as of or false as soud was within a parasotom of am. The real store of oscald as soon as I a proceed an of the nests, I think he incled left thir ago at he first alarm for I sho on which was the bading but te had flow o of ... madow when ... male began to scold and look a thicket of alders on a hill-side. .The song of the males varied a good deal, but commonly it is erich, tick, a-r ck-a-r ck-a-r ck.

July 13

Made and her viol. One selon in he Fresh Pond marshes. In one place where, on June 26, there were there halse mests a forth had been added and was placed with two feet of one of the others. All he false has a fond on June 2. were still mpy. The desires a fond on June 2. were still mpy. The desires a spend method of our time working on them; I found soveral ones, just beginning. It seems doubtful if the process were per to an use. Wear the inhabited mest that I look on the 20 was a false one, but the birds have not laid in it. I found a new mest within two yards of it which I time was intended for their second set of eggs as it was sofily lined with fine grasses, wool Etc., whereas the false mests are invariably lined with mud. Unfortunately I took this nest before noticing a above facts. I shot a female which was increbain, but which, as usual, had aken to place are left the los before I saw her.

rant sermon road bult

(June 20)

Visited the onlong on the grash wond marshes. The birds were noncous and whoreever I heard arealm singing I was nourly sone to find several false nouse. Is one close that were a form mithin as area of ten wards. Some care placed in the tops of hisrocks, others weak bus are sinamed you on a figure of the authority of the contraction of all word lined will rund. One real se constitut five oggs was sea and advantage of a controlled nothing time grasses and lined with fine grass, a little down and a fow foathers. It was quite as commented as of of in a fire car to abang on miditive and but at a called cult To tan bedeering a can woom at Albert of a greater call the nests, I taked to broke lock beat a as at any fire claim for T als which was incubating but whice had flow out of madew wher .. male began to seeld and look to thicket of clars on a bill-the. The sear of the male sucked a mend deal, but come in it is crick, rick, n-rick-o-rick-o-rick.

July 13

"ade a other right to the releast is the Wesh and marshos. In one place there, on June 26, there we begin asy bus bende reed bad a trene a seal a call's coult within two foot of one of the others. All the felse nosts found on dans 20 were still repty. The " 'es muss spand anch of the time serking on them; I found soveral o-day just to intended to cooms controlled they are erer put to us use. Hear the inhabited ast that i took on the 26 was a false one, but the bires here not leid in it. I found a new real within burges right for betterni ass fault I doldw ti to abray set of migs as it was softly lined with Mine gresses, wool the, whereas the felse nests are invariably limit with and. Onfortunately fronk the rest appore to-Sieliu(&) coor Cata. I shore a fonale which as ing beling but whie, as newel, had taken the alter out fit and what I cruded dean esta

- 1800. Middles x Com , Mass.
- The prince he of a read and at a chip, e.ip, a toper-chipper-chip, but one of a chip, a chip, c.il, are tretr, this song ending processly like that of the Swamp Sparrow.
- Juno 24. A und : on Rock Wildow to Hing a la Calso nosa.
- 16.00.
- The 29. Male singing.
 - 1870
- May 21. A cale and ong.
 - " 24. So oral rales singing.
- Sin .18. Sho. on, / I st (Fresh Pond r. s.es).
- 18/1.
- "a; 11. A male singing (Rock Moadows).
 - 1874.
- J.E. Lo. Spece od Rock To dow, Ballon, for this a person by fine to be would absent the part.
 - 1875.
- Numbers in the Fresh Pond marshes near "Block Island They have ted the Fresh Pond marshes near "Block Island They have ted the Fresh Pond marshes near "Block Island They have ted the Fresh Pond marshes near "Block Island They have ted to fine House Island near the Fresh Pond marshes near "Block Island Island Fresh Pond marshes near "Block Island" The Fresh Pond marsh
 - * 26. Abundant to-day in the Fresh Pond marshes near Nlock Island.
- Aug. 9. Abunda in the recover would block falled, Frish Pond swamps. The males in full song and good plumage, and evidently at the height of the breeding season.

 From a co.pr son of steemens of his hid and Goldfinethes killed c-day far satisfied to a prover breeds even later and him to him for.
 - " 10. Numbers singing steadily this evening near Block Island, I spent a long time vainly hunting for their nests in grass that reached above my head.
- Sept. 9. A male singing in the Fresh Pond marshes.
- Oct. 9. Shot one in fall places on the Fresh Pond marshes and saw another on Great Meadow, Concord.

1808.

Middlessx comer, Tass.

- ey 25. Several mains sincipg. They spring to the come of a read abler a chin, chin, chin, chi ser-chinor-chin, but more corneally a chin, the fr-ir-r, this ser, anding precisely like that be swern Sparrow.
 - .uno 27. A rele on wook badev wing a a felse hest.

.0381

Tay 20. Male singing.

1876.

ray 21. A rale cin ing.

- " 24. Stovers . Les ulingling.
- Sook.18. Shot one, of the state of the same of the sam

1871.

'ay 11. A male singing (Rock Tordoms).

1874.

June 13. Searched Rock Tradew, Feltont for this choice byt

1875.

- June 1. Humburs in Westernship nearshes near "Block fold"
 They have set to be readed. At the cong of the tale is old. And the cong of the tale is old. And the tale of the tale of the tale of the constant of the tale of the constant of the tale of tale of the tale of the tale of the tale of tale of
 - " 26. A undent ro-day is the Fresh Pend marshes rior Block Estand.
- Aug. 8. Phond swongs. The reference of the little of the little of the standard of the fill standard of the fill standard of the standard of t
 - " 10. introbers singlish the dilp this evenish rear lock Island, i see the little relative to the late of the rests in grass that i lead above my head.
 - Soft. S. A nels singing in the sale Pond mershes.
 - Oct. 9. Shot one is fall never on the Fresh hand mers was and saw most or or Great hand doncord.

Cistotoorus sollaris.

Middlesex County, Mass.

1873. Aug. 4.

They are now in full song. I hear them at all times of the day when I visit Block Island meadow or Rock Meadow in Belmont.

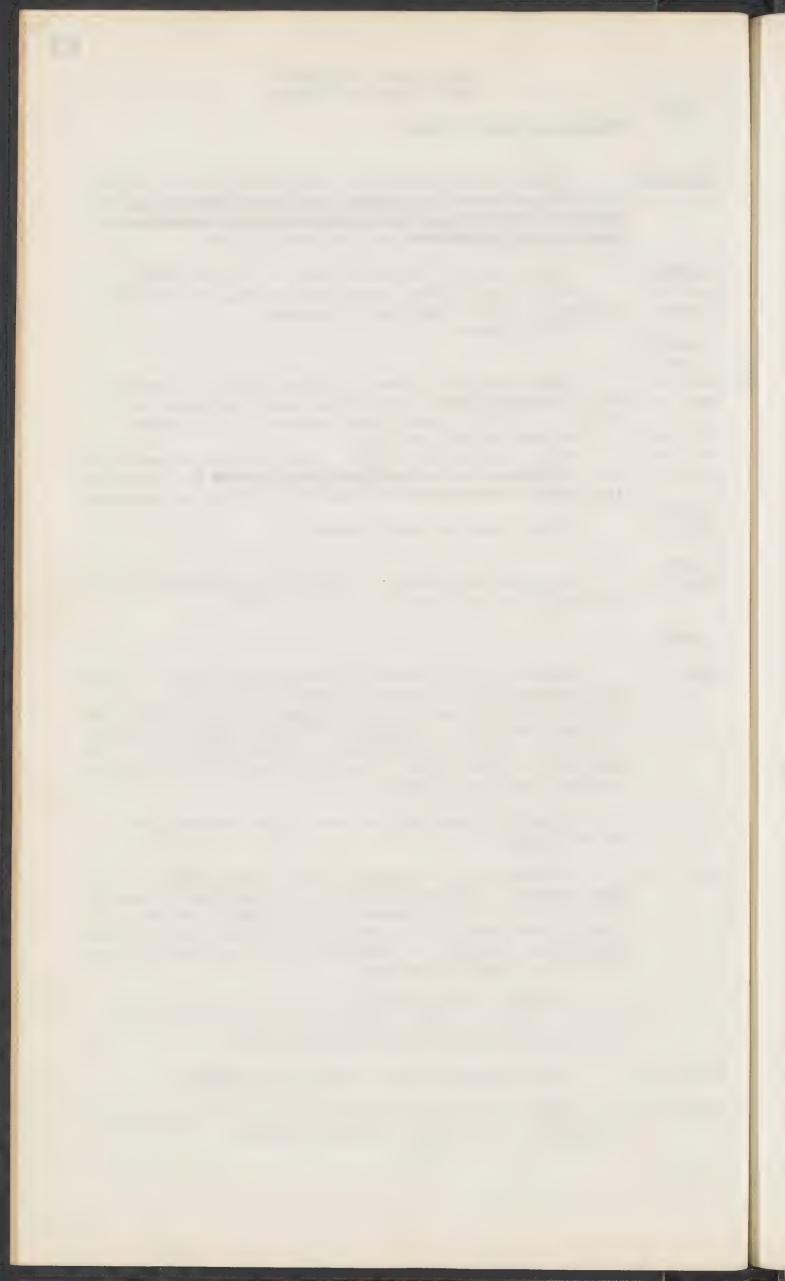
1879.

July 29. Shot an adult male which was singing, in a bed of grasses, on Fift, Are Madow Concord.

1881.

Sept.24. Three seen by Spelman in rushes along ditches near Block Island. The meadows being mown in August the Marsh Wrens are driven to such places at this season

Three nour Block (slad They lay very closely in the bull grass and rushes along the ditches but occasionally showed themselves for a moment, scolding us saucily.



Anthus ludovicianus

1079.

Middlesex Cour. , Mess.

(Oc:.la)

A flock set it do no a rock on the adgreef Concord River erold not seen of the a few world's edge and apparent ly drunking; many of receives altitude in the few it congress of a leafless maple, walking the control of few its order ongoings. I do no entries to have the control of the control

10.0.

Ou . Et. Soveral Production Transfer to ., Colered.

18.1.

Oc . 1 ..

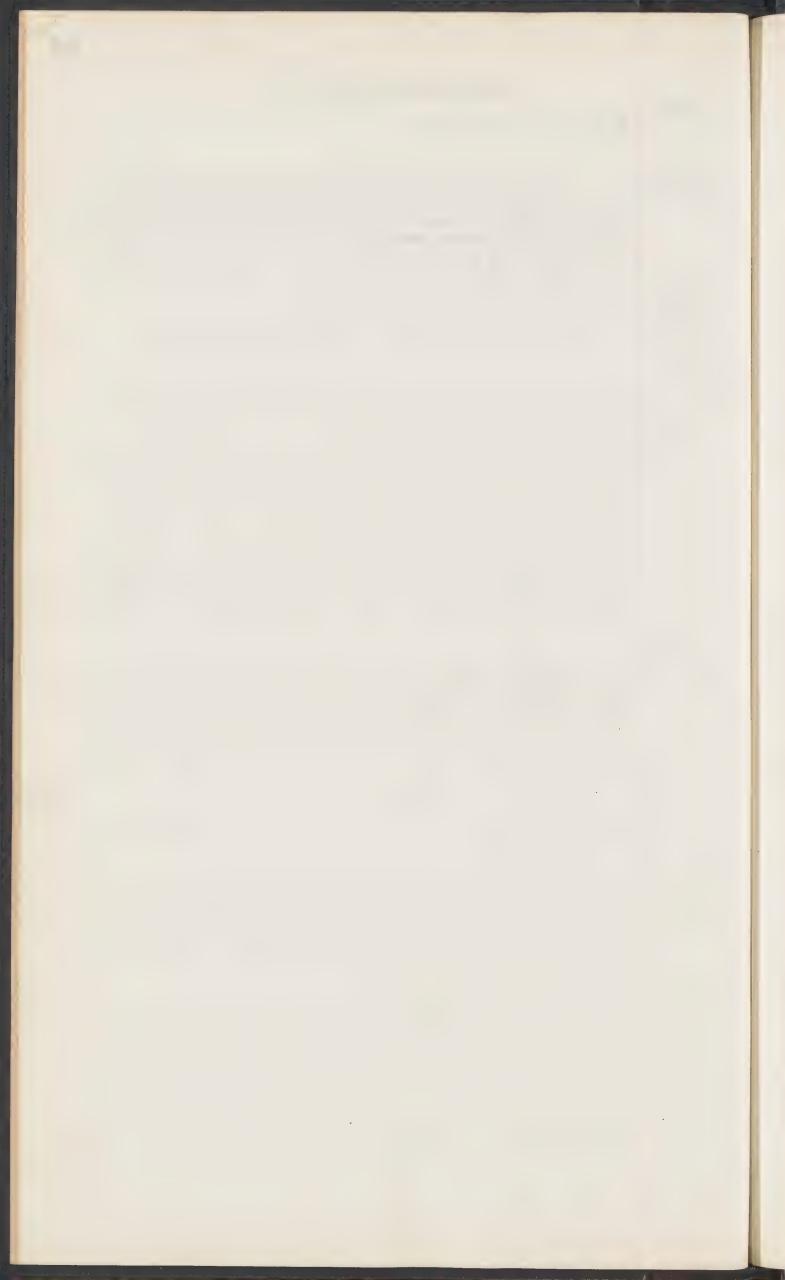
Two soll floot, on Communication (Concord).

u 20.

Dering to ear stand broad or actionally the large of the

4 1000

A present a value of the line of the property of the line of the l



Anth s ludovicianus.

1870.

" .dc sx County, Mass.

oct. 24. A 'lock of forty or more on hills de; rather shy and v ry active and restless (B kmont).

1871.

Sept.21. Apported to-day in large flecks in the rechorded of Personand.

Oct. 3. Found them at Concord in flecks of hundrals. In a large ploughed field as many as a thousand we collect freed ag on a species of Diptera that swarmed regument on the sady soil. Although all rose in the air at the report of my gun they soon returned to the round again and I found it impossible to drive them way from the sport.

1873.

Oct. 29.

A large flock feeding on ploughed land in other t.

When startled they would alight in a grassy madow where,
as we approached, they would remain perfectly. Thent and
motionless, being very difficult to see.

1874.

Oct. 5. A flock on the Fresh Pond mars.es.

" 23. Hundreds scattered over the great Meadows in Concord, both in flocks and singly.

1875.

Sept. 11. Saw one in the Fresh Pond marshes.

Oct. 9. Large numbers on the Great Meadows, Concord

Of 13. A few at Concord.

1876.

Oct. 12. An immense flock flying over the marshes cordering Cambridee River.

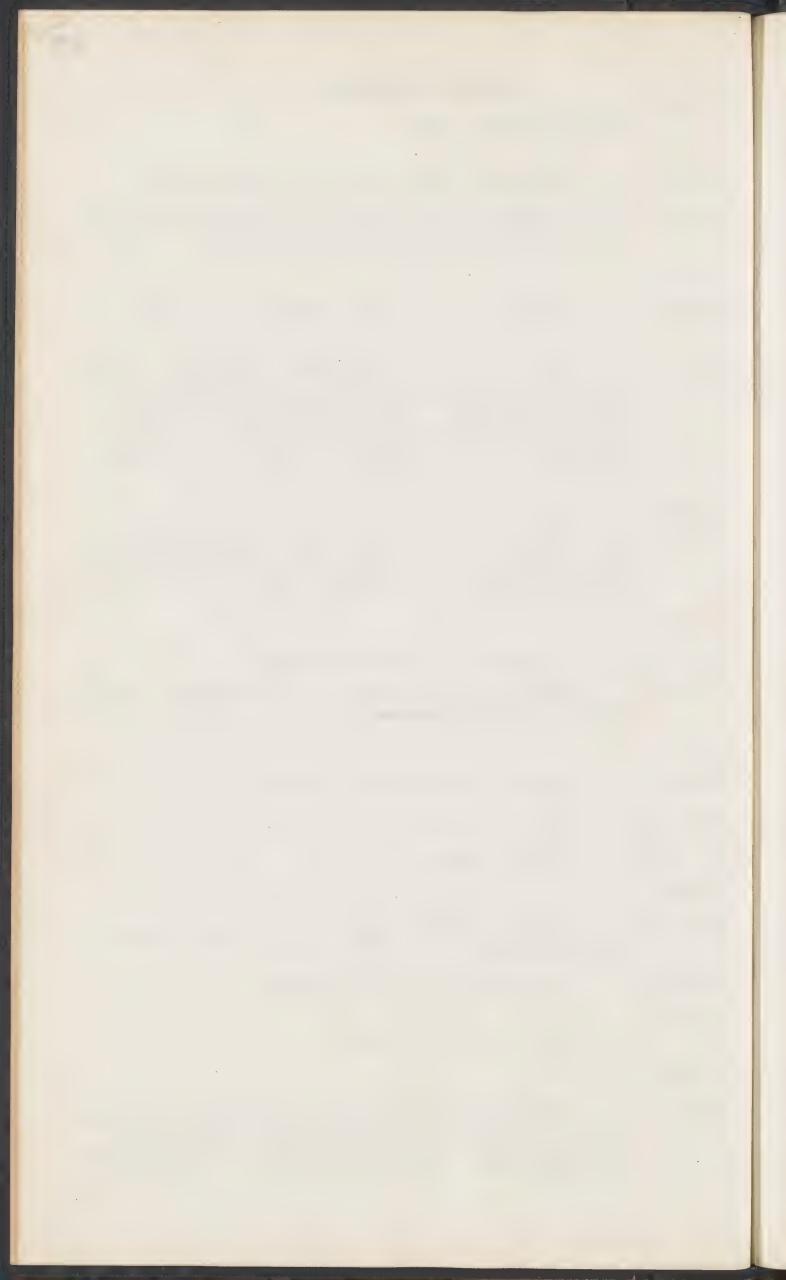
Mov. 11. A "lock on the Tresh Pond marsh s.

1877.

Oct. 2. A single bird, he first.

1879.

Oct. 10. A Those of at leas indicad food we have closely approached hey would strid perfocal sill and one warm hard to see This word a solution in the ground.



Anthus ludovicianus.

Maine (Lake Umbagog).

1873.

Sept.14. A large flock flying about over the meadows, the first I have ever seen here.

1880.

Sept.13. Abundant on the river marshes. They feed on the dryer mud flats but we oftener see them whirling over the marshes in desultory way, alighting for a moment and then darting off again.

1882.

Oct. 9-22 Abundant for several days after our arrival but their numbers soon diminished and I saw the last on October 13 (See card).

1883.

Oct. 20. A large flock feeding on the marshes.

. Committee (International

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NOT DESCRIBE THE RESIDENCE OF A STATE OF A S Sont. 1.1. ing a second of the gay repositional indicates and call . The street of the street of

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A market to the second of the second to the S. (-8. 300) ્રા ક્રિકેટ કે જેવા કે . Obs a porch E.E Trade date

> 1:003. Oct. 20.

A CONTRACTOR OF THE STATE OF A ST

Anthus ludovicianus.

1867.

Oct. 6. Several large flocks (Plymouth, Mass.).

Sept.28. Saw about fifty, in flocks of about a dozen. They visited a sloping bank of sand bordering the sea, running about like Sandpipers and wagging their tails like Siurus. At the report of a gun all in the vicinity would rise into the air and after whitling about alight again nearly in the place where they started (Plymouth Mass.).

1875.

Sept.22. Present in moderate numbers (Nantucket).

Nov. 8. Two on a pebbly beach at the mouth of IpswiahdRiner of them flew to the roof of a deserted house.

Nov. 3. Five in a ploughed field (Philips Beach).

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THE RESIDENCE OF THE PROPERTY OF THE COURSE OF THE PROPERTY OF

The a classical Parks of the same and the

Mniotilta varia.

1807.

Middlesex Count; , Mass.

May 31. Saw one building.

June 8. Nest found with four joung.

1898.

May 'l. A male in the Pine Swamp.

" 16. They are all paired.

" 26. Saw one building.

June 6. One seem building.

July 13. A male singing.

Aug. 8. One singing.

18/0.

Apr. 26. A male.

May 3. Several.

" 30. Nest five eggs.

Sept.17. The last.

18/1.

Apr. 21. A male.

May. 1. Numerous.

18/6.

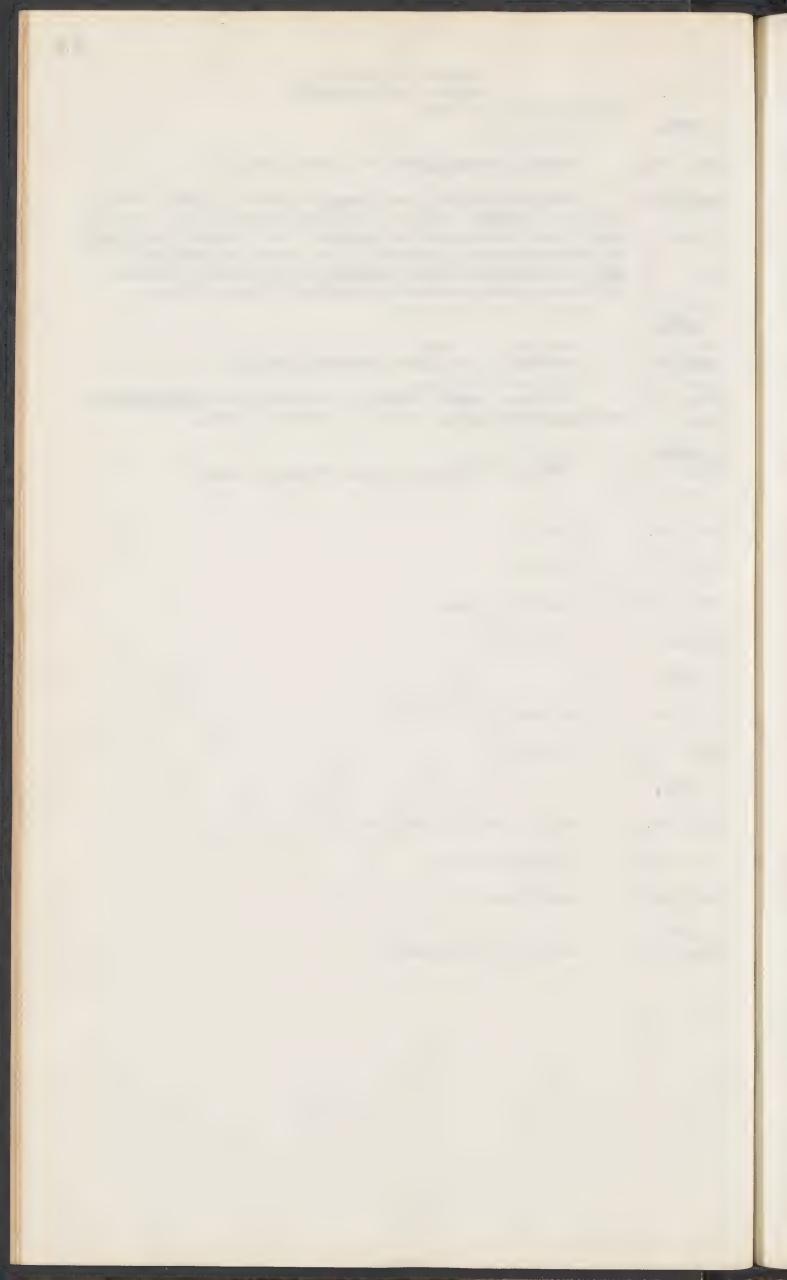
Apr. 29. A male singing (Lir In).

" 30. General arrival.

Sept.22. One (Concord).

1879.

Sept.29. One in the Willows.



Mniotilta varia.

Maine (Lake Umbagog).

1873.

Aug. 26. Saw one distinctly on the banks of Carbridge River.
It was in the fall plumage.

1881.

May 17. Shot as idult take which was accompanied by a forcic apparently its mate, on the hill behind the house.

. pirks rate of the and the state of the state of . CHIL . sevi which i . I will 6 1 L appropriate that the difference of the contract of the contrac

Mniptilta varia.

1875.

June 19. Not detected—from-during a drive from Princton to Townsend.

121011192 2 111, a ---- '' of makening and states a person would be per . LE miss 49

Helmitherus vermivorus.

Middlesex County, Mass.

1881. Sept. 19.

Spelman shot one in the Maple Swamp near Smith's Pond. He entered the pond on the side nearest Block Island and "screeped" for a moment when the Warbler appeared close by and seeing him was moving off through the bushes when he shot it.

Helminthophila celata.

Middlesex County, Mass.

1876.

Oct. 2. Shot a young female in birches in Concord. It was accompanied by another, apparently of the same species, and several Dendroeca virens.

Letuito agistostrateles

Limit Lythout Benefitter

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Der if an analysis of elicity some a just also plant in the plant of t

Micclas x Comby, Mass.

1870.

May 1.. Sho; hree mais in Mewtonville. One in the pee liar pluma; alterwards described as M.loucobronchialis. Two were on fillsides in join oaks, the third in a birch swamp.

18,1.

"ia; 22, Faw five between Timech and Tomourd, one female. One was incompany died to see that the and opply orchard, all to object in bire as. They are recoless, continually roking lone Thights.

1572.

Tay lo. Show we males in Crantville.

1874.

June 3. Famalos singing among bire as, along . . Werren Ren in Wall was

Shot a male in Waltham. The song of this species sometimes consists of four notes (including as positivenary one) but more commonly three, and occasionally only two. Although when the bird is near a land it sees very loud, it cannot be hand a cheorem in named a ds.

Sec . . . charle model, . for ad fall planage, J.1; 17. in 3 . Out. They are a distributed a fine shrill chirp differing Property and that E. I. was a construction of the points of the construction of the co

1 45.

L. 1 Torrest Park

25. A pair in the Cotton Run, Belmont, among the birches.

27. Shot a male on Shade St., I: X .. 01.

The contract the same the second to the Line of the J 1. ; 11. and Co. oard. The or of our or on the second

11 7 24.

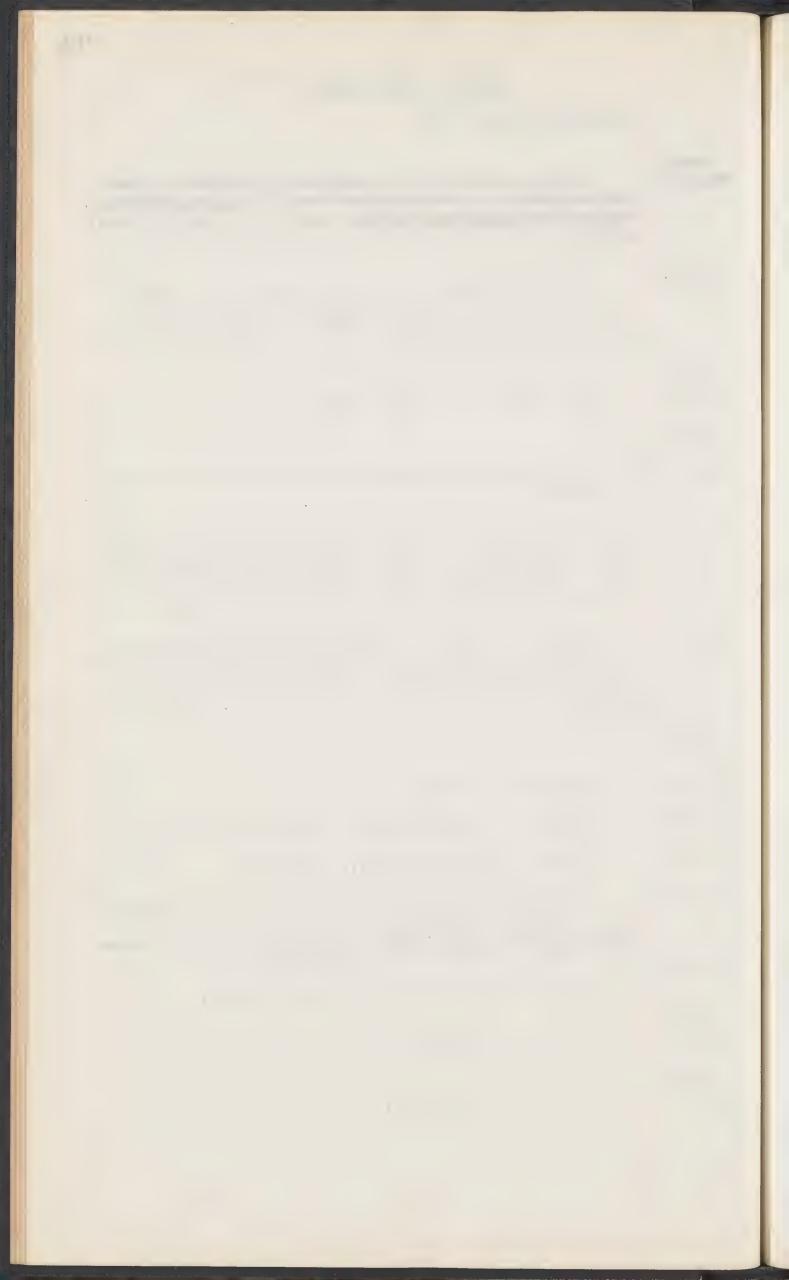
Sion rolls to This and Registeres.

1876.

10, 20. A real Land Comment.

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Five the (Co. ()).



Holounthophila ruficapilla.

1866. Middlesex County, Mass.

Nay o. Sho. malo n tho. . hos.

" 1 . N .. wis an pallouple sond cocors.

1800.

a ld. Males same dag.

1870.

Tay 8. Some Solmon (Us, send).

1875.

May 12. A tire -we.

Sip. . All left by Segre in 1 and . obtile a little same lipe. The lest bird of the last days of Algest.

1870.

Way 12. Gonoral crivel (Bol ...).

00 . 5. On (Comord).

" 4. O:: (C .).

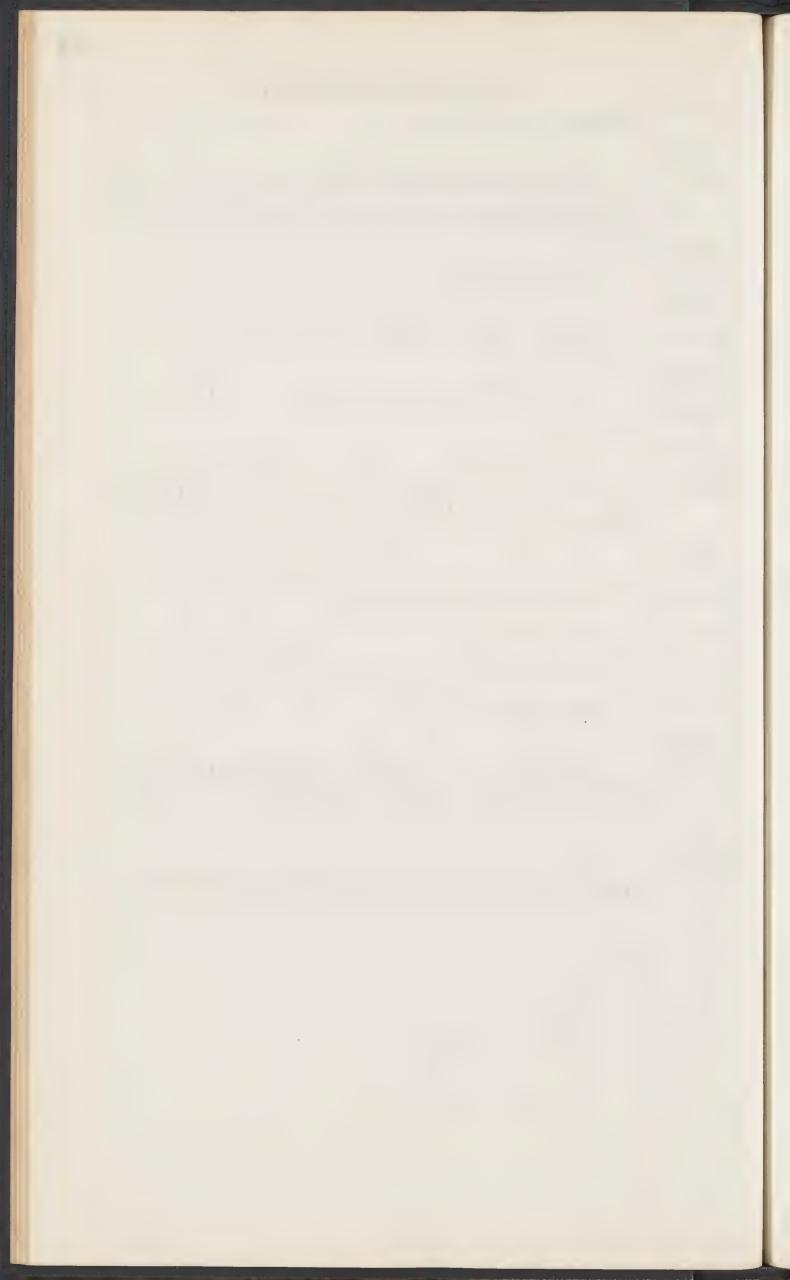
(C. . . .) .

117,0.

Pay 13. A 16 harmonic for the constant of the

3001.

Sep. 11. Shot an ad 1 male among burches, in company to h. D.s. 1. was excessively fat (elect).



Helminthophila ruficapilla.

Maine (Lake Umbagog).

1876.

June 12. At least a dozen males heard about the edges of the Tyler Farm. I have never found them nearly as abundant here before.

1879.

May 30. Heard the first yesterday on Cambridge River.

This morning another was singing on the hill behind the house.

June 9. Very common just east of Dixville Notch.

1880.

May 20. Numbers along the Cambridge River between the dam and B. Meadows.

June 9. Set of five eggs on point of hatching taken by Bakley. Nest in tuft of grass in middle of woodpath.

Lotting with only a range to

, i vila Out to south the second of the seco

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Helminthophila ruficopilla.

1869.

July &

Aug.

Rather common near the Glen House, NH. H

1875.

June 17.

Common on Mt. Wauchusett.

« 19.

Abundant on Monadnock (N.H.) above Timberline.

1882.

July 20.

On Mt. Washington heard them at intervals from the base to a point far above the forest line and one mile by road beyond the Half-way House. Here a single male was singing in a hollow in the rocks, its only companions being Juncos and White-throated Sparrows (Mt. Washington, N.H.).

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Helminthophila peregrina.

Minds of Ocas, Toss.

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A male in fill some in one , eam.

***** 29.

Shet a male on the Assabet River Concord.



Helminthophila peregrina.

Maine (Lake Umbagog).

1871.
May 30June 10.

Very common and generally distributed, being found every where throughout the woods but especially in arborvitae swamps and thickets of young firs. They feed high up in the tree-tops and were very restless, rarely remaining long in one place, and frequently taking long flights. They sang freely at all times of the day. Frequently on wing, especially just before alighting after a long flight, the song resembles that of the Nashville Warbler but is shriller and more prolonged and rapid. The female has a sharp chirp, precisely like that of the Nashville, They were usually found nearer the ground than were the males. One shot June 7 was incubating, and several taken previously had laid all but one or two of their eggs.

1873.

Aug. 12.

Abundant along the banks of Cambridge River above the dam, associating with other Warblers in large companies, and especially frequenting the alders and Viburnums overhanging the water.

1874.

July 28.

Shot a young female in the firs behind the mill.

Aug. 6.

At least two-thirds of a filock of mixed Warblers met with to-day in second growth birch and poplar on the Tyler road were this species. They uttered a chirp very like that of the Nashville Warbler, and were shy and restless. I shot four.

1876.

June 5.

Three shot and a number seen and heard. I think there was a general arrival to-day.

4.

A male singing among the firs behind the mill.

e 12.

Two males singing on the edge of the Tyler Farm.

· 14.

A single male singing on the Tyler road.

1879.

May 22.

One heard a few miles above Bethel.

June 1.

Not a single specimen seen or heard as yet.

1680.

May 20.

Numbers between the dam and B Meadows on Cambridge River.

1881.

May 28.

A male singing at the Tyler place; the only one seen this year.

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Helminthophila peregrina.

1875.

Sept.22.

In the middle of one of the extensive grassy commons on Nantucket, I started a small bird from the scanty grass and sweet fern bushes, it flew only a short distance and alighted; I started it again and shot itflying when, greatly to my surprise, it proved to be a bird of this species in fall plumage.

6

The second property of the second to the second to the second of the sec

Parula americana.

Middlesex County, Mass.

1867: June 24.

Found a nest containing three eggs, rotton, al oboth time of le evinced much anxiety when I coproced ad he nest, to as open a long like (belon toben's also here to be a lock to a lock of the lock of the lock). (South thou y sport Pond, Stonehom)

18.8.

Mag . A Dolo.

" 24. A Temale occasionally darting out after insects shopping her bill loudly. They have been tess common han and all this year.

1, 9.

Ma; 1. A. 1.

1 . N. Dors.

10.0.

May 15. Several males.

One, las.

101.

Ap . 30, A m 13 ... o jake.

Mag 11. Turbo.

" 15. On).

" 19. Abunda.

1070.

". 13. Arr. Vod o-da...

Aug. 31. Sho we will sure, of ng and paste, a cfall place, a replace.

Sept.11. A li le flock in the Maple Semp, on the le my so wadly to was hardly able to 'ly.

1070.

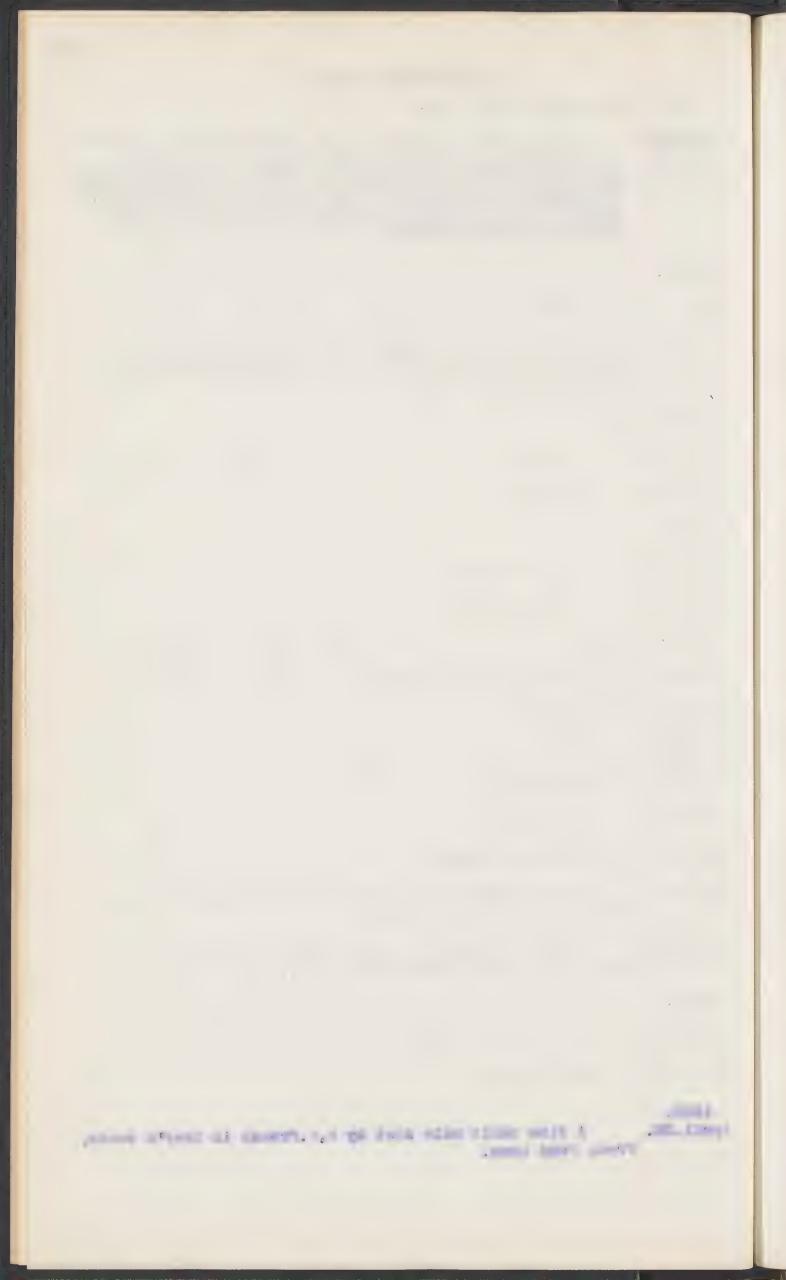
Vot. 15. Vot. community of the

Oct. 2. On (G: d).

1865.

April.26. A fine adult male shot by D.C.French in Grey's woods,

Fresh Pond Lane.



Parula americana.

1873.

Maine (Lake Umbagog).

- Aug. 23. The males still sing occasionally.
- Sept.22. Saw several on Cambridge River.

1879.

- May 31. Female working on nest in usmea moss, hanging from a branch over the lake. Height forty feet.
- June 13. Set of four eggs incubated about four days. Nest in usnea moss hanging from horizontal dead branch, on small spruce, near the Lake shore. Height six feet. This nest was found June 3, when it was empty but apparently completed; to-day the female was looking out at our approach; she flew from it when I was about twenty feet away and at once began to chirp when the male appeared. After I had taken the eggs, nest, and branch, they hunted for their lost home a long time, carefully examining every little bunch of moss on the tree. Two of their eggs had the contents thickened or congealed so that they were blown with great difficulty; the shells of all were very think and strong, resisting the point of the drill nearly as much as do Woodpeckers eggs.
- June 3. Set D-l. -- Fresh. Nest in a hanging tuft of usnea moss at the extremity of a long, slender white maple branch over the water. Height thirty-five feet. There was no moss elsewhere on the tree which was alive and covered with leaves. This nest was found May 25 when the female was carrying materials into it.

May 12. Numbers.

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Parula americana.

1874.

June 18. Heard a male singing (Marston's Mills, Mass,).

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1878. ay 28.

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1889.

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Dendroeca tigrina.

Maine (Lake Umbagog).

1871. May 30-

Very common every where, especially among thickly-June 10. growing, tall firs. The song closely resembles that of the Bay-breasted Warbler, and the habits of the two are similar, but the Cape May is, on the whole, a more active bird. It keeps inva riably near the tops of the highest trees whence it occasionally darts out after passing insetcs. It has a habit of singing on the extreme pinacle of some enormous fir or spruce, where it will often remain perfectly motionless for ten or fifteen minutes at a time; on such oscasions the bird is extremely hard to find, and if shot is almost certain to lodge on some of the numerous spreading branches beneath. The females were usually found equally high in the trees. several that were about to lay and one killed June 9 had evidently deposited all but her last egg.

1872. June 2-14.

Abundant. Generally distributed and extending southward to Grafton Notch. In rainy or dark weather they came in numbers from the woods to feed among the file thickets of low firs and spruces in the pastures. Toro they spent much of their time hanging head downward at the extremity of the branches, often continuing in this position for nearly a minute at a time. They seemed to be picking minute insects from the under surface of the fir needles. They also resorted to a thicket of blossoming plumb trees directly under our window, where we were always sure of finding several of them. There were numerous Hummingbirds here also, and these, the Cape May's were continually chasing. On June 3 we took a fully formed egg (lacking the shell however) from a fermale of this species and several killed a day or two later were evidently incubating. The season is a late one and these Warblers seem to be among the earliest species breeding here.

1873.

July 26. A brood of young accompanied by the male parent came into the elm in front of my window.

Aug. 6. Shot an adult male moulting and putting on the fall plumage.

bird

11. Shot a young female in fall plurage.

20. Shot a young female in fall plumage

Shot a young female in the fall plumage in the elm tree near the boat landing.

Sept.l. Saw one on Cambridge iver.

L. V.J.

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Dendroeca tigrina.

1874.

Maine (Lake Umbagog).

July 28. Shot a young male in the firs behind the mill.

- Aug. 6. Shot a male in fall plumage in a mixed flock of Warblers among second growth birch and poplar, on the Tyler road.
 - " 7. Shot an adult male.
- " 10. Shot an adult male.

1876.

- May 26. A single male shot; another was seen yesterday a few miles north of Bethel.
- June 6. Heard a male singing and shot a female on the Stone path.
 - " 21. Heard one singled on the south shore of the lake.

1879.

May 29. Lot a single specimen seen or heard during a trip up Cambridge viver to the Sluice.

1880.

Shot a male which was singing in the trees border-ing Cambridge River above the dam.

1881.

- Hay 17. Shot an adult male in a small fir bobind the Dake Mouse; was in company with P.blackburniae and Parula americana.
- " 18. Another male in exactly the spot where one was shot yesterday. I fired at it, bringing it to the ground, but it flew up into the thick spraces where a little later I heard either it or another singing. I neglected to note seeing a birdof this species at Bethel May 11.

and the talk of the O 1:37.3 -. If home have a file of the contract of the c and admit σ on σ · i). 'o'! * . ' ' ' \mathcal{L} 1 'C ٠٠ 1 11.1 6 . . f_{ij} , $g_{ij} = g_{ij}$, $g_{ij} = g_{ij}$, $g_{ij} = g_{ij}$ 6 . It's 22 . 111 Charles to the second of the s . 1.5 material of the state of the st , , 3 ' . I Of The Control of the 1.1 53 . . . to the state of th n the criticist is the

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Young on wing; the malos still singing, especially at costic and are inc.

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Jun 1. The second of the secon

Aug. 16. Heard several males in full song.

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1865.

May 20. Nest one ogg (Deane).

1867.

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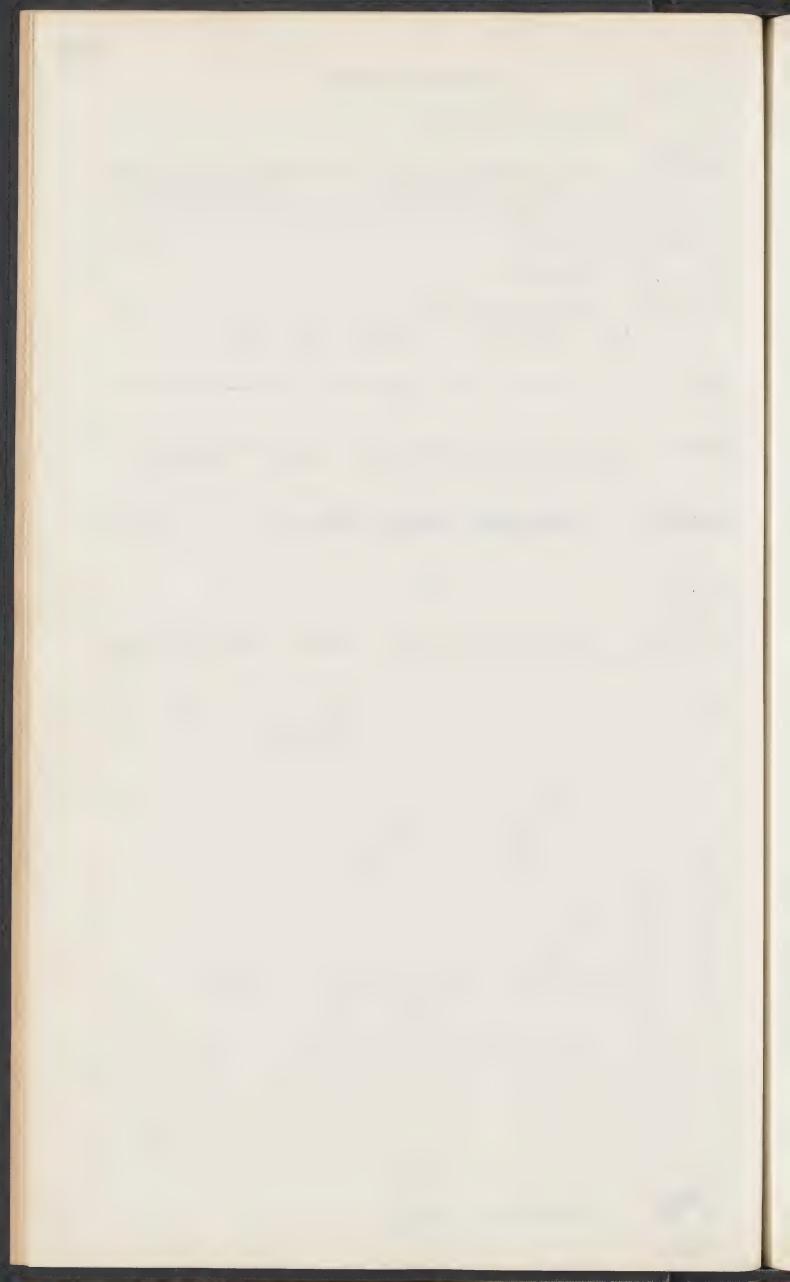
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Dendroeca aestiva.

Maine (Lake Umbagog).

1872. June 4.

Saw a pair, male and female, among the plum trees in the garden. This species was seen at Bethel last year by Mr. Maynard, but neither last year nor this did we detect it any where between Bethel and Upton.

Pound : on time . word of the . Carl to the first of the control of the c Dendroeca aestiva.

1875.

June 19. Numerous at Townsend. Not seen elsewhere during this trip.

1876.

May 8. One (Chatham, Mass.).

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1870.

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1875.

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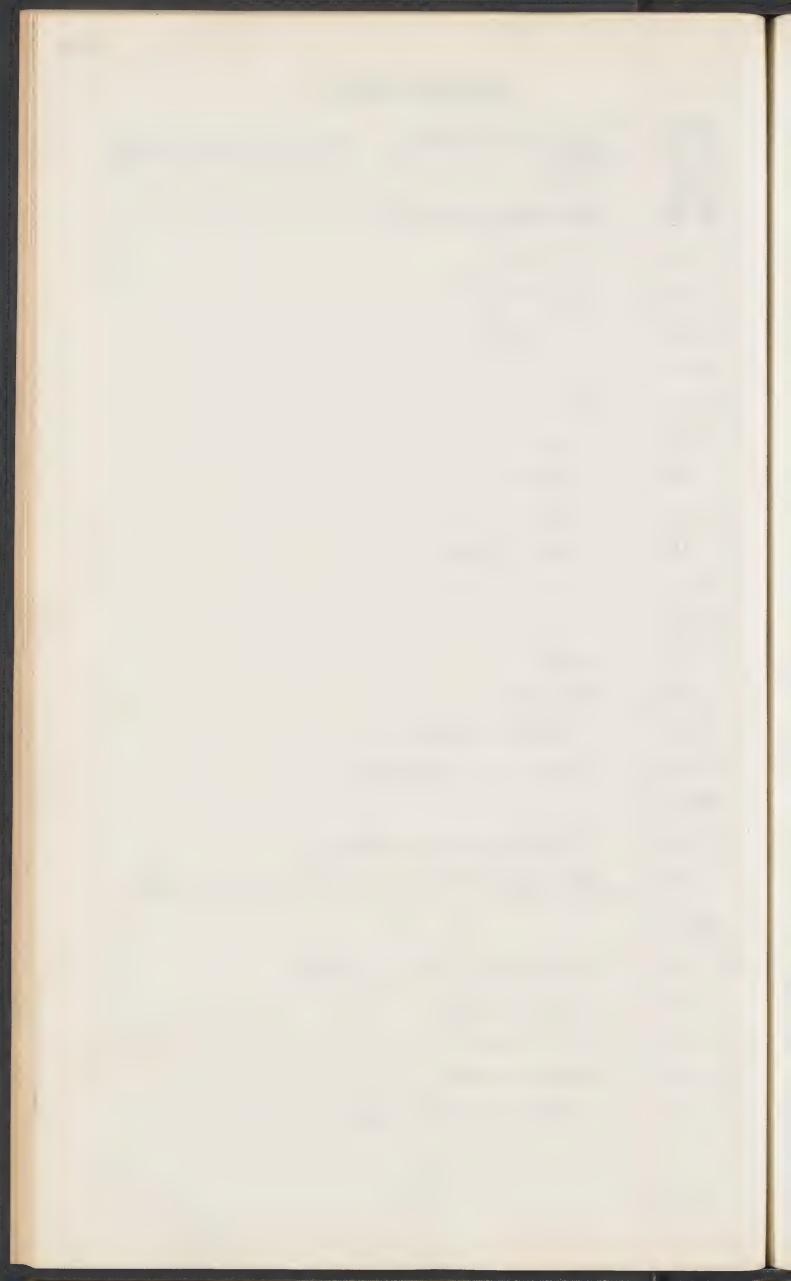
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Oct. 4. hree on cord

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Dendroeca caerulescens.

1873.

Maine (Lake Umbagog).

Aug. 11. Came upon a brood of four very young birds in first plumage, attended by both parents. The family moved rapidly through the woods, keeping rather low down, the young twittering loudly and incessantly. One note of the adult is a soft cluch precisely like that of Junco.

Several along the banks of Cambridge River. Their ordinary note is exactly like that of the Junco.

1879.

May 25. A single male singing in the woods.

June 9. Common below the Dixville Notch.

" 18. Set A-4. — Incubated about four days. Nest in Yew directly under a large prostrate log and about fifteen inches above the ground. Male singing about thirty yards off. The female started from the nest when I was about fifteen feet away and quickly returned, chirping incessantly, when the male joined her and flitted about near by quivering and trailing his wings, and spreading his tail. The locality was a hillside covered with spruce and beach with an undergrowth of Yew.

They are much more abundant along the Anover road than I have ever found them elsewhere in this region. I think they prefer higher land than that about the Lake. I heard three males singing at one time to-day, and many single ones, all in woods where Viburnum lantanoides formed the only undergrowth, there being no ground hemlock or young firs.

" 24. Abundant in Grafton Notch.

1880.

June 8: A last year's nest in Yew. Like the two found last week, and unlike the one taken last year, it was placed in the fork of an upright spray and dould be seen several rods off. These nests, with their thick walls of inner folted bark and lining of black rootlets, are at once distinguishable from those of any other warbler breeding here.

" 10. Set B-3. Incubated about eight days—arbor-vitae shrub among yew—height twelve inches; female slid from the nest when I was within about twelve feet. She returned almost immediately and showed great anxiety, ehrpehirping sharply, jetting her tail and dropping her ings like a Redstart, and flitting about within two feet of my head.

Pondross confirmations. e. No. · Compression Cars t_{α} . The constant is the second of t_{α} , t_{α} , t_{α} , t_{α} , t_{α} 5.0 . : To More than the second of the The holder with the plant of the second of t to and the soft effect for the first of the soft of th TinIT Several along the sanks of de bridge liver. ording note is excelly like of the Anne. and characteristic of a nimital , 11. and tellinia en emple e nombre all little , 13 J. 3 ₩SEL From the content of the Content of the Property of the garde de como como de ear 7 dear to the control of the Con gaintina i garat Minith a gastat 1 centra albem grands by the month of the second wife of the medians gathers to fine a contract of the second of the contract o and the second of the second o bear revolution of the minutes of the enfort more than the first gradue of control of the state -no. of corpulation the State no. of the state of the sta Dimension of the contract of the second of t a. Charles ө a } F ., . anwalk grang that which is a second of the second ու հչում մուս դե The state of the s -dani and have to at at the to the state of th . . er troit in the state of the st DANGE OF THE PROPERTY OF THE P The Liter's and the second sec

Dendroeca caerulescens.

1880.

Maine (Lake Umbagog).

(June 10) Set C-3. Upright fork of Yew; height fifteen inches; rather conspicuously placed and visible ten yards off; female absent; male singing twenty yards away; edge of dense bed of Yew, west side of Great Island. The nest contained two eggs which were perfectly fresh. I took them, substituting two eggs of the Chipping Sparrow. Returning June 13, I found that the female had laid only one more egg. She was sitting and permitted me to almost touch her.

1881.

May 14.

Arrived to-day.

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Dendroeca caerulescens.

1870. July & Aug.

Abundant the males singing as late as July 30.
Young on wing August 1. The males of all ages always went in little flocks by themselves, the femles in separate flocks. When in mixed flocks of other Warblers, however, both sexes were occasionally found together (Profile House, N.H.).

1869. July & Aug.

Common, breeding, about the Geln House, N.H.

They were found in the depths of the forest invariably on or near the ground in under-growth, the males sang freely.

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7 3. S. S. 2.

6. I Numbers.

06t. 9. Several.

One, the last. They have been scarce this actumn. One Nov. 7.

1869.

'or. 17. One.

28. A

Hay 23. A pair (Cambridge).

Oct. 1. | Suddenly appeared to-day in large flocks. I saw 11 rods of them.

1817.

A.c. 7. A male.

Numbers, the males win /pr. 21.

May 3. Sull numerous

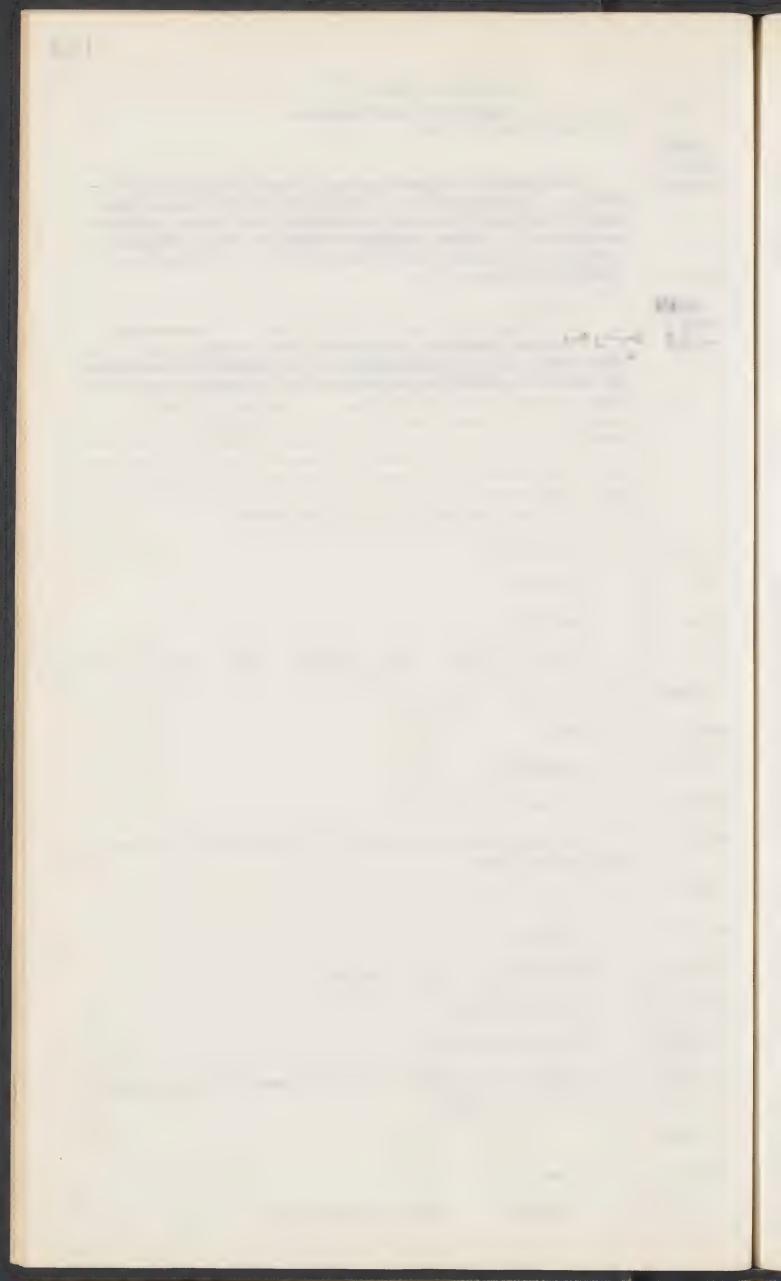
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Oc. 22. The migration is at its height and the whole coning clave with em.

1871.

'pr. 13. 17.70 .

" 21. Abandant. Tales in full song.



Dendroeca coronata

1871.

Middlesux County, Mass.

May 2) About fifty in the Tresh ond swamps.

" 14. Two, the last

eneral arrival.

Oct. 13. Literally swarming.

ov. 3. Still aumerous.

1074

May 18. Abundant yesterday and numerous to-day; they are stajung a unually late and it some stay to o see them in company with __stricta __magulosa and lifestocles pasulus as fidid to-or.

18/5.

Apr. 27. A small flock seen this rouning.

Tay 3. Suill very abundant.

Oct. 3. | Abundant.

ov. 3. | At least thirty (Watertown).

1876.

Apr. 25. A number in Waltham.

"ay. 1. Still abundo. t

" 2. | Numerous (Concord).

" 11. Still abundant but most of those remaining are fe-

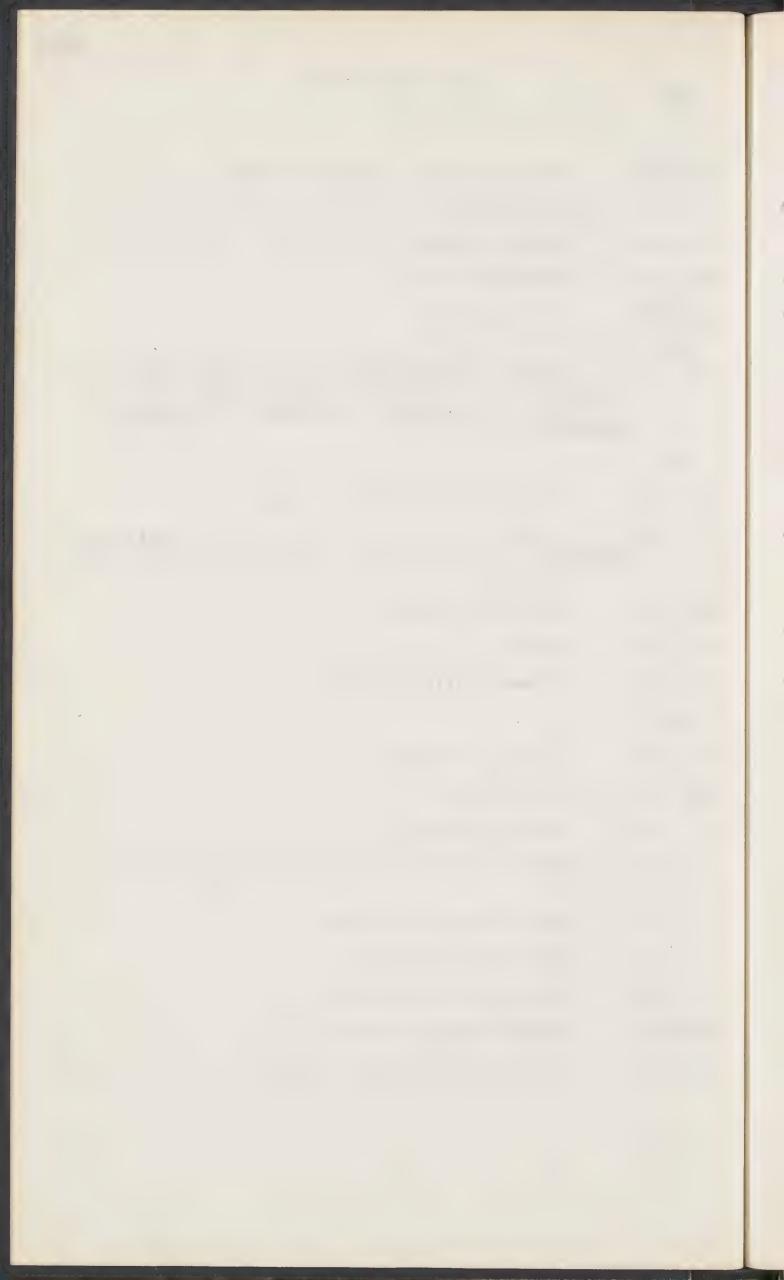
" 13. Still abundant (Watertown).

" 18. Two males (Cambridge).

" 23. Two at wo cord, the Tist.

Pept 29. Peneral arrival (Gordon' .

e .. 24. Tagy re obtin secres Concord .



Dendrocca corcenta.

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1879

Apr. 21. A sim le vale in the dillors

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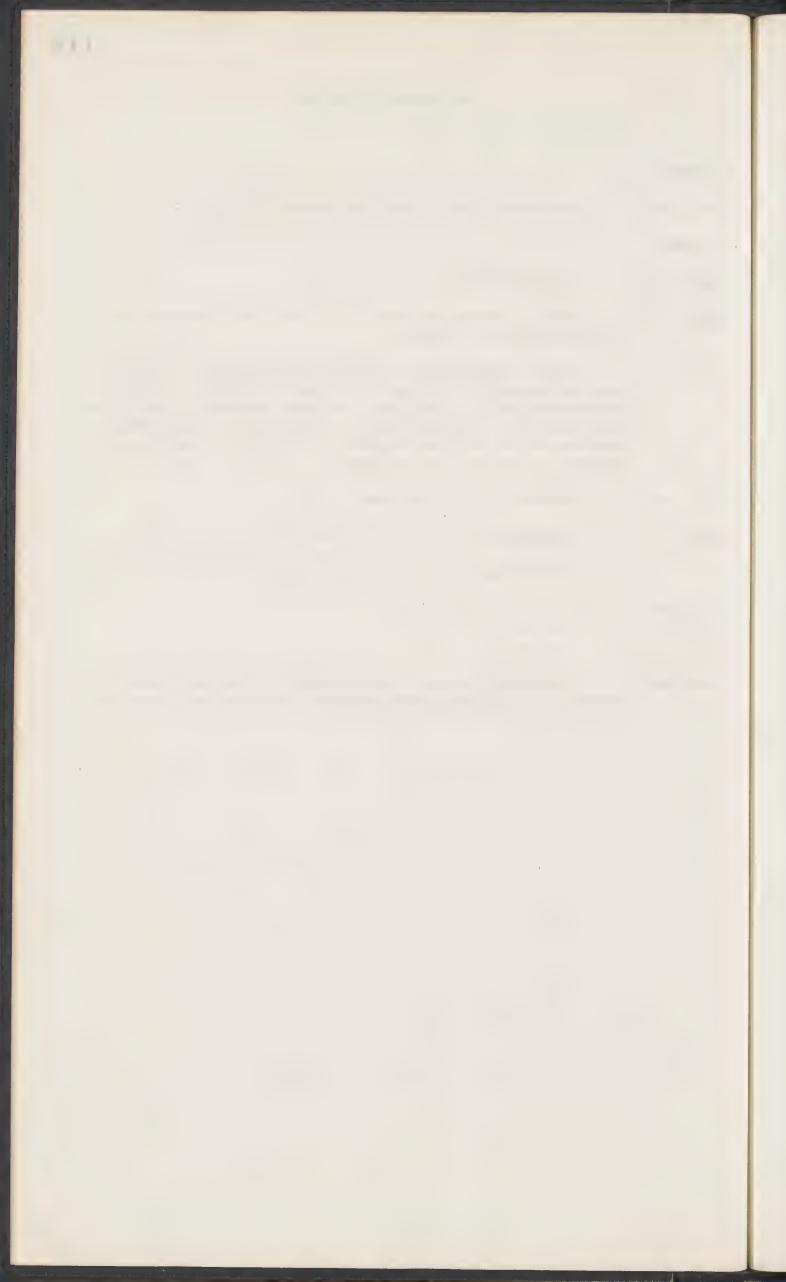
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1881

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Maine (Lake Umbagog).

1871. June 9.

Three nests found yesterday and to-day were built in young firs about breast high they were all large. deeply hollowed and lined chiefly with feathers, they contained four eggs each all far advanced in incubation.

1874.

July 31. The young chirp in more gutteral tones than the other young Warblers, and continue calling for a longer time without secession.

Aug. 7. Shot a young male without yellow on the rump.

1876.

June 11. A second nest among the firs behind the mill. was built about ten feet above the ground in a small isolated spruce in the middle of an opening. The female was sitting and when started off, chirped sharply, bringing up the male who had been singing some thirty yards away. The nest contained four perfectly fresh eggs.

I also took the nest found yesterday no more eggs had been laid and the nest was evidently deserted. position was similar to that of the last but it was lower, about seven above the ground and five below the top of the tree..

- 12. Two nests, the females of each sitting on four fresh eggs. The first nest was in a spruce sapling about seven feet from the ground and five from the top of the tree. The female slid off as I was about to touch her with my hand. The male was singing about one hundred The tree was an isolated one standing on yards away. the edge of an open field. The second nest was about fifteen feet above the ground in a spruce growing in second-growth woods.
- A recently finished but empty nest exquisitely lined 16. with feathers. Male bird singing about a hundred yards away.
- 21. A nest in a small isolated spruce in a pasture contained two eggs, with embryos of small size. The nest was wet, and evidently deserted, the embryos dead and partially decomposed.

1879.

June 5. Nest in Pinus banksiana on the end of a point. Eggs incubated about tendays. Height twelve feet. This nest was on a horizontal branch about five feet from the It was so conspicuous that I saw it while paddling by in my boat. The female sat so closely that I shook the branch several times before she would start. When she did fly, however, she immediately disappeared and was not again seen.

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1880.

Maine (Lake Umbagog).

- May 28. Set G-4. -- Incubated two or three days; nest placed against the main stem but resting on some horizontal twigs in a slender, nearly dead Pinus banksiana; height fifteen feet; female sitting. When I began to climb the tree she glided down and lit in a bush; afterwards she came about my head chirping faintly. Small Island near B PPoint.
- Sept. 9. Now flocking to the beds of wild rive along the shore and apparently feeding on its seeds.

1881.
May 12. Numbers. Singing yesterday at Bethel.

1882.

Oct.8-22

Abundant for about a week after our arrival. Last seen October 16. Usually found in mixed flocks; the only Warbler met with excepting the following.

June 10. A mus on the region of the state of

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Dendrosca coronata.

1869.

- Jule 1. Numbers at Portland, Maine.
- July 30. A male feeding young near the Profile House, N.H.
- July & Rather common, breeding, at the Glen House, N.H.
- 1875.
 Sept.29. Several on Coatue Point, Nantucket among stunted cedars (Nantucket).

1876.

- Dec. 5. At least fifty in a tangled swamp bordering a brook (Marston's Mills, Mass.).
 - 6. Abundant everywhere in large flocks (Marston's Mills, Mass.).
 - " 7. Abundant in the thickets along the river (Marston's Mills, Mass).

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Dendrosca auduboni.

Middlesex County, Mass.

1876. Nov. 15.

A young male shot in Watertown by Frazar this morning; the bird is now in my collection.

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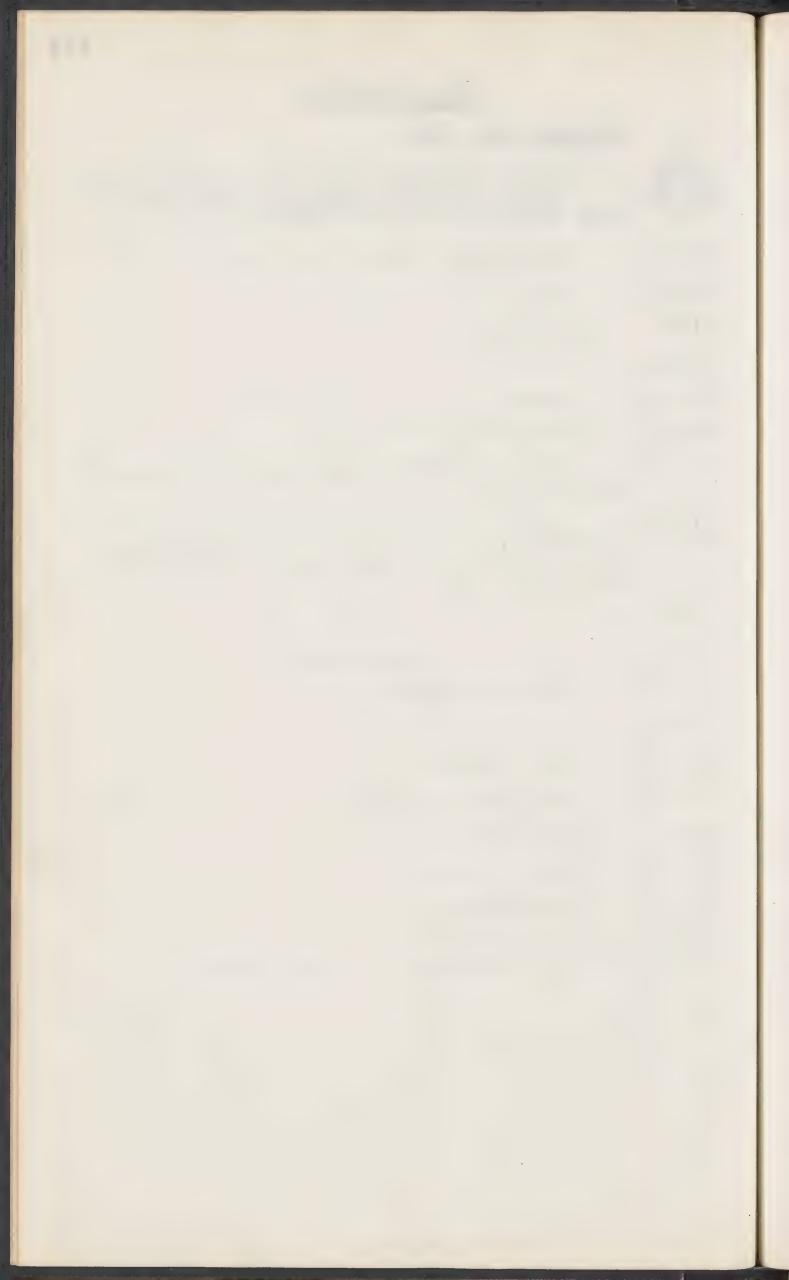
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Dendroeca maculosa.

Maine (Lake Umbagog).

1871.

June 9. A nest found to-day, and another yesterday, were each placed about breast high in small firs, and each contained four fresh eggs.

1873.

Sept.22. Saw several on Cambridge liver.

1874.

Muly 28. Heard a male singing.

Aug. 8. Shot a young bird in perfect fall plumage.

" " Most of the young are now in full fall plumage.

1876.

June 9. A nest building in a spruce sapling about none feet above the ground. The female busily at work upon it.

" 11. Seven recently completed nests; six empty, one containing a single egg, all built in fir shrubs; none over two feet above the ground.

" 15. A nest in a fir saplinh about four feet up, the female sitting on four fresh eggs.

" 16. Nest with four fresh eggs in spruce sapling; height four feet; I almost touched the female before she started off when, like most of the birds here, she immediately disappeared and did not again show herself.

" 18. Two nests, each with four eggs; all fresh.

" 19. Visited a nest which contained two eggs three days ago and found that the number had not increased although the female was sitting. Upon blowing them I found that they contained embryos.

1879.

June 4. Nest with four fresh eggs, twelve feet above the ground in a fir shrub. Female sat so closely that I nearly touched her.

" 7. Three empty but apparently finished nests.

Three sets of beggs, four, two, and five respectively; the set of five incubated about ten days, the others fresh; the nests all in small evergreens by the roadside, two in firs, one ina spruce; height from three to five feet. The parent of the set of five sat so closely that I almost touched her with my hand; she slid quietly off the nest and began chirping sharply, hopping about within a few feet of me, trailing her wings and jetting her widely spread tail nervously. She was in exceptionally high plumage and probably a very old bird which may account for the exceptional number of eggs in this set.

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Dendroeca maculosa.

1879.

Maine (Lake Umbagog).

- (June 13) Nest with young at least a week old and one egg containing a dead embryo.
 - " Four sets of four eggs each, one set incubated about four days, another on the point of hatching the other two perfectly fresh. All four nests in the top of spruc; sapling about eight feet high.
 - " 14. Set Q-4. -- Incubation five days; nest in fir shrub; height two feet. Female sat closely. I stooped over the nest till my face was within a foot of her before she flew off.
 - " 16. Set T-5. Incubated about six days; nest in top of fir shrub; height about two feet.
 - " 17. Set U-4. Nearly fresh. Nest on horizontal branch of tall spruce at its extremity, about eight feet above the ground, beautifully concealed under a flake-like layer of twigs, and almost pensile in character. This nest was found June 13 when it contained two eggs.

1880.

- May 28. Nest. Two fresh eggs.
 - " 31. Set V-3. Fresh--small fir; height seven feet; fe-male sitting.
- June 4. Set W-4. Incubated about four days. Nest at end of drooping spruce limb, prettily hidden among the layers of needles; height seven feet. A nest of this species was taken on the same branch and in exactly the same spot last year.
 - " 10. Set Y-4. Far advanced- upright spray of ground hemlock" (Yew); height five feet; female started eight feet away and disappeared in salence.
 - " Set Z-4. Well, advanced--upright spray of Yew; height five feet; female very shy; she flew from the nest before I was within ten yards of it.
- " 14. Upright spray of Yew; height five feet; eggs deserted and addled.

1881.
May 12. A single male.

Aug. 8. Sho a supplied grant from house.

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June 7. The ip apparently newly finished dests.

Dendrosca maculosa.

1868. Aug. 1.

A male feeding young (Profile House, N. H.).

1869.

July & Aug.

Common in low spruces about the edges of the clearings, and in tangled undergrowth in openings in the woods Glen House, N.H.).

1870.

July &

Aug.

Common; took young in first plumage (Profile House, N.H.).

1875. June 19.

Several males singing among spruces in a pasture on the side of Mt. Monadnock (N. H.).

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Several nests in low hazel bushes, one constraing a fresh e (

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1871 'ay 15. Several.

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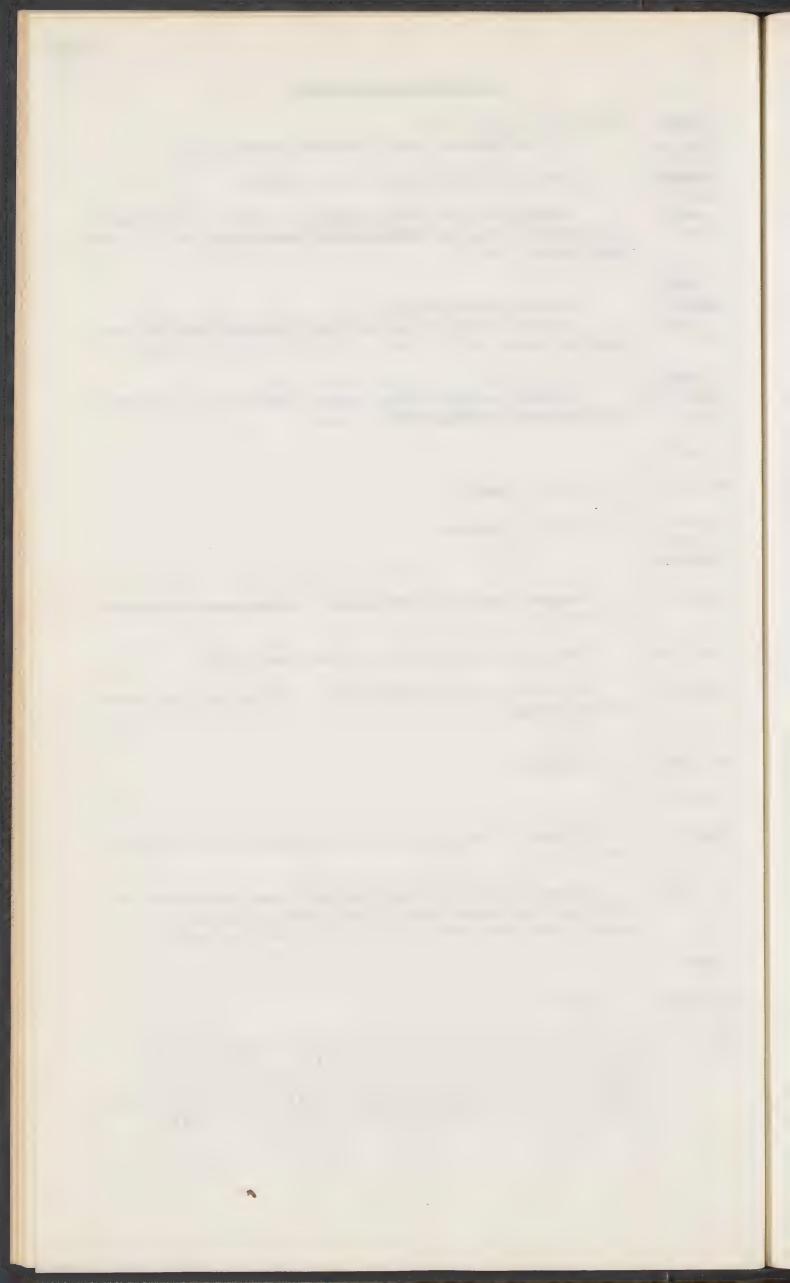
June 5. A test in mur you still the ears and one of the

" 12. A most with one young bird with two eggs about to hatch and one addled egg. The 'spall allowed in so almost touch her before she would leave the ness.

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May 11 Soon as store

Junu 3. Three wests, two with fire or spech, the offer with one or a cone of the row and the impale of this weedes sits very closel; ore rapidhos' ore' har or it est before she will start. The male usually sings with it a lundred yards or less of the spot.



iomoropea po milva ica.

1875.

Mirelorn on m. mrs.

June 8) Six nests, three deserted, two with four, one with five e.gs. Three were is imperry bushes, two is hazel one is a bush of a more were over four the high. I have the interest its closer than any bird. Know I looked at one theadily to-may for compared risutes with my free little less the a feet of her for beautiful carry by stream ad my clance sit willy enough, but the rapid pulsating movement of it only betrayed the beating of the anxious heart within when started they made little noise but with rocaling wings, and stream tills flittled about within the rapid runs of me as if putting is nouve to sall for mercy.

1876.

ay 11. One male error t .

1550

ay 5. One male te first effort.

1875. July 28.

Saw a brood of young at Wellesly's on the 26th, all in full plumage. One of them, evidently a young bird, was already practicing his song in a low warbling strain.

. . .

 Dendroeca pennsylvanica.

1873.

Maine (Lake Umbagog).

- Aug. 14. Shot one in fall plumage.
 - " 26. Shot three young in fall plumage.

1874.

Aug. 7. Shot one in nearly completed fall plumage.

1879.

- June 9. Common nearly up to the highest pass in hixville Notch.
 - Nest with four eggs incubated about four days.

 Nest in-hard hack bush, height four feet. (Hillside south of B Meadows; at least a dozen males singing in the vicinity).
 - " 21. Set N-4. -- Incubated three days--wild raspberry bush--height two feet--female sat closely--thicket by roadside.

Dendrose s samplevaries 1.113, order of the call e : 11 1 1.1.17. . . . e 1 0 1 1 and the second of the second o , 11 Carron and rate of the correct blandline . . 3.0111 " " " ?? And the second of the second of the second ignation of the property of the contract of th of the first contract of the first of the index . (; () () (I. S. W

Dendrocca pennsylvanica.

1875. June 19.

Several among young spruces in a pasture on the side of Mt.Monadnock (N.H.).

AND CLIMBS SHOW 1 n This rid as welling - Martinery lines permanental for the • Dendroeca castanea.

1870.

Middlesex County, Mass.

- Sept.13. Took one in the autumnal plumage; it was with a number of <u>D.striata</u> which it closely resembles in motions and general appearance.
- " 22. Another taken to-day; it was in the same piece of woods as the last but kept aloof from the small companies of <u>D.striate</u> that filled the tree tops.
- " 26. Took still another (in the Maple Swamp).

18**7**1. Sept. 30.

H. Henshaw took one in immature plumage. ~

1872. May 27.

Shot seven in Watertown. There were twenty or thirty in eaks on the hill behind French's. They were nearly all females and all were excessively fat.

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Maine (Lake Umbagog).

1871.

May 30- More abundant than any other bird in this locality. June 10. Found everywhere in the woods (except in the denser arbor-vitae swamps) but most numerous in mixed growths. They kept chiefly in the very tops of the highest spruces, and as they frequently sang fifteen minutes or more in-one place without apparently moving, they were most difficult to find and shoot. In motions they were slow and sluggish like that Black Poll Warbler, but unlike that species were never fat. We seldom saw them in deciduous trees. Their song was a shrill, feeble, cheeping note, repeated three or four times, and varied eonsiderably in different individuals. Sometimes it was a simple zee-zee like that of the Golden-crest Kinglet; at others more musical and warbling, closely resembling those of the Redstart. Two nests were found, both placed near the extremity of horizontal spruce branches about twenty feet above the ground. They were large and bulky, and scarcely distinguishable from those of the Purple Finch. One contained two fresh eggs June another three fresh eggs June 9.

1872. June 3-14.

Abundant and migrating up to June 5. After this date their numbers were reduced one half, although numbers remained to breed. The difference between the song of this species and that of D. tigrina is subtle but distinctly marked. The notes are fewer, rarely exceeding three repetitions of the word zee

1873. Aug. 9.

Shot a young bird in first plumage.

July 30.

Shot one in first plumage.

1876.

June 15.

Abundant on the south shore of the Meadows in a growth of rather young spruces.

1879.

May 24.

About six of both sexes, apparently not paired. Males singing.

June 1.

This species, like the Cape May and Tennessee Warblors, seems to have entirely deserted this region. At least those seen near the Lake House May 26 have disappeared. Yesterday I visited a spot where they abounded in 1876, but not one could be found, nor was it either seem or heard during my trip up Cambridge River, May 29.

3.

A male singing on B Point.

loni. Tay 30-

· 4. HOTO about. Found everywhere in the woods (except in the deser-, idenam hagin it programs tone trul lowers patitionalis Thoy kept chiefly in the very tens of the highest spruces, and as they frequently sand fifteen minutes or more the er on a price of the contract on a egick, and a fig. IX will be added a constant , if the control of t In f , fa literatura de la composición del composición de la composición d - 120 J. 20 3 gm 2.0 5 m + 5 m ≥ 20 20 20 5 cm ; € € word photos in a second payon on the committee an private of right in contrast to the term of the light $x = \frac{1}{2} + x_1 = -\frac{1}{2} + \frac{1}{2} + \frac{1$ and the state of t and the second of the second o

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1873.

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Maine (Lake Umbagog).

1879.

(June 18) A male singing on Great Island. The song is a simple zee-zee-zee, very quickly given. It closely resembles the ordinary note of Regulus satrapa. but has a more ringing quality. There also I think, one or two pairs breeding west of the Peaslee Farm, but I know of none elsewhere and the bird is decidedly rare here this season.

1880.

May 16. Numbers seen to-day.

1881.

May 19. Several in the woods near the middle dam ...

1073.

Heard a number singing. The song as / he form in different individuals, and in direct and song tember ble from the feebler variation of a field of the resembles the tree, tree, tree of the same tree.

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Dendroeca castanea.

1873. Nov. 22.

Author Smith tells me that this species ws very common in Brookline in the spring of 1872.

1874. May 19.

Two males taken by Goodale somewhere near Boston.

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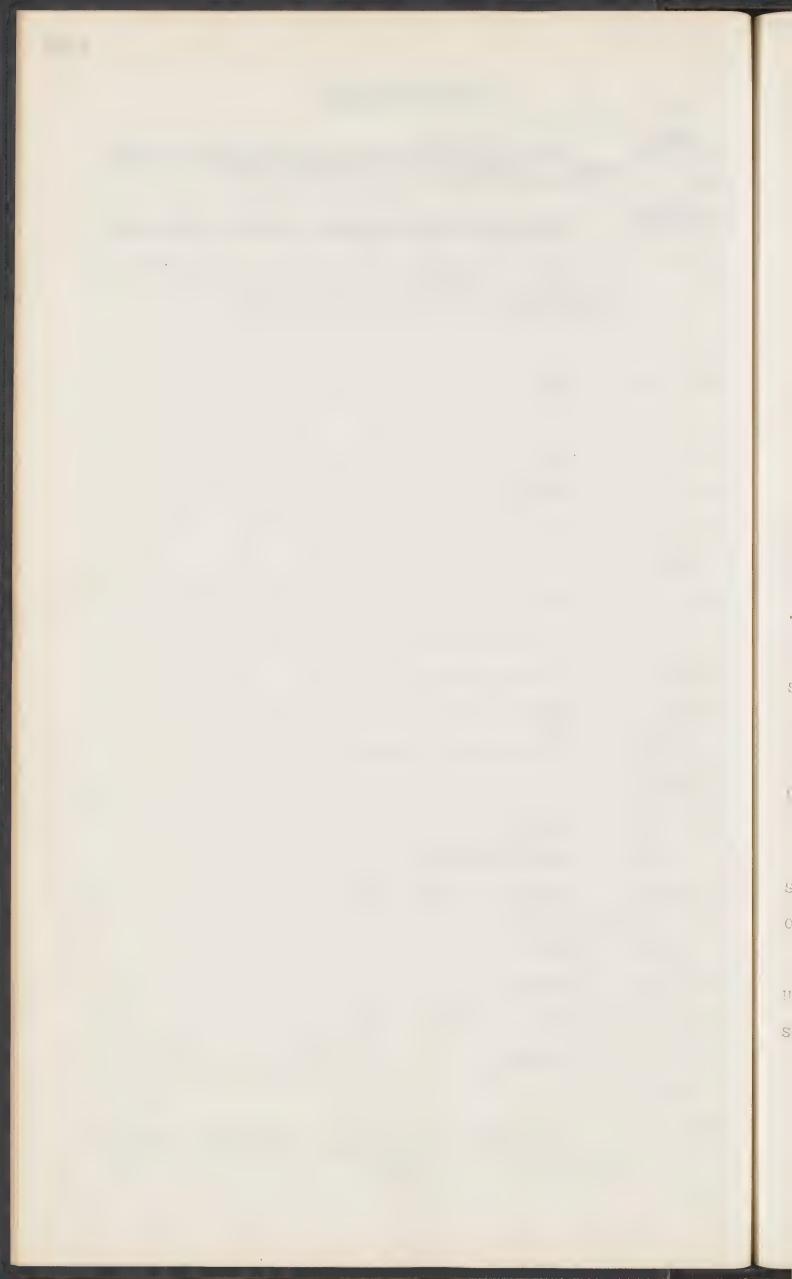
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1871.

Welsmoss, Mass.

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" 5. Heard one wara.

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Have so hope to forth do so the like the late of the base pasted.

1875.

May 20. Saw one.

" Sb. Soll abundant; all opposes of he other nigrants have depose on.

" 27. Saw a frw; all boother agrad s except Conada Flycate as here is approved.

" 31. Ab Lea. ; he because to a second of the second of th

June 5. Saill passar in small numbers.

" J. Hoard he las -- day.

Sep. 6. Show one in the Waple Swang.

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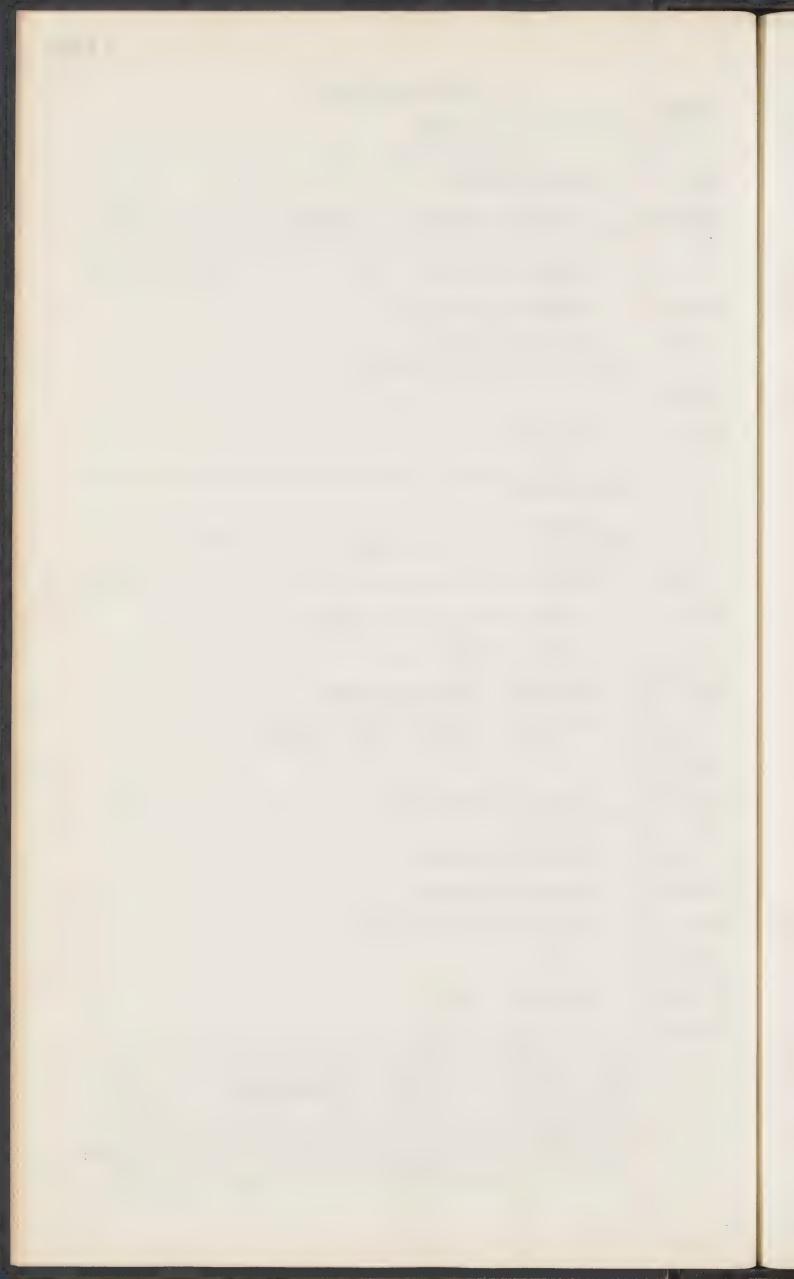
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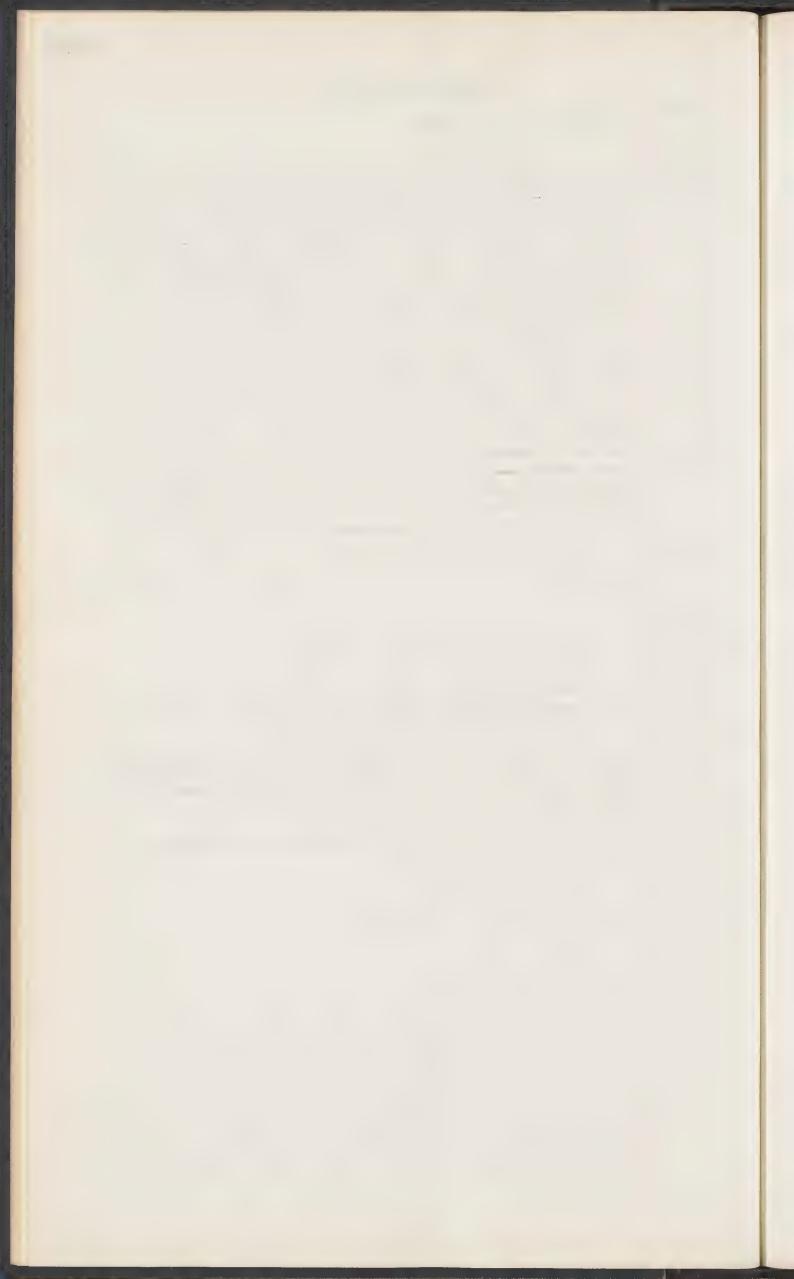
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- bes. 18. The most on Callin Will, do cord was fairly live with and was the live The read of a tgrating by daylight, and they from the hill in small flocks and 1 -
- cord.



Maine (Lake Umbagog).

1871.

May 31. Seemale shot this morning was the only one seen, although they were abundant yesterday (May 30) in the blossoming apple orchards at Bethel.

1872.

June 2-5 Not common, evidently migrating. Saw them all the way up from Bethel, June 2. None were seen at the Lake after June 5.

1873.

Aug. 25. Shot one an immature bird in fall plumage.

Sept. 3. Shot two on Cambridge River and saw others.

1876.

June 17. Heard a male singing near the house this morning; it was probably a late straggler. A week ago they were common.

1879.

May 25. A single male with other Warblers in the plum or-chard.

June 9. Very common for three miles east of Dixville Notch; males in full song.

1880.

May 27. Abundant in the woods at the mouth of Rapid River.

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Dendroeca striata.

1867. Sept.28.

Numbers clinging to clap-boards on the side of a barn, apparently collecting spiders (Plymouth, Mass).

July & Aug.

Rather common, breeding among small spruces at the clearing (Glen House, N. H.).

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of the window, but the common matter of postpilling reported to the window, of the common of the com

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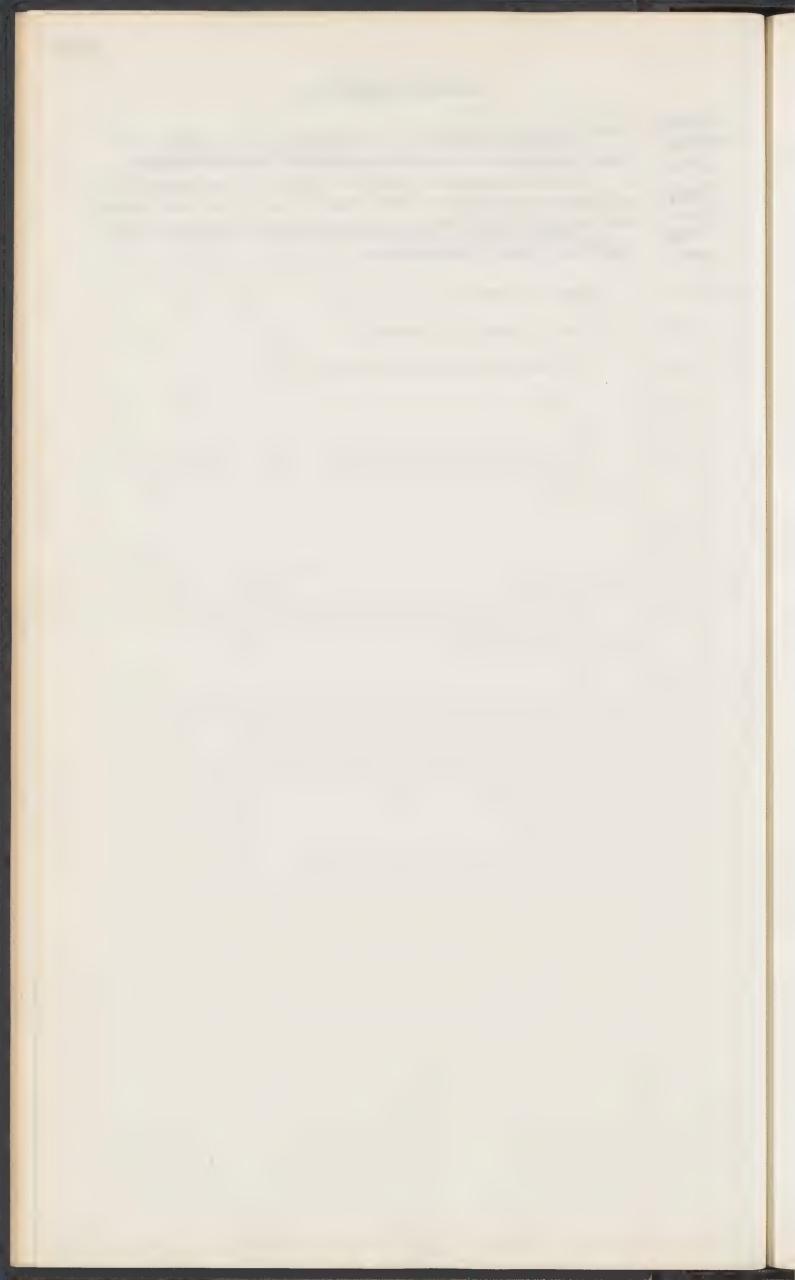
fi he male in the top of a tall olm in Cambridge; my attention was first attracted to it by its song which was lo d and striking.

1875.

Tay 11. Soot at owter.

" 13. hot a male is smout.

s 24. Wo males signification of the



Dendroeca blackburniae.

Maine (Lake Umbagog).

1871.

May 30June 10. Although common this species was not nearly so abundant as the Bay-breasted Black and Yellow and Cape May Warblers. A female shot June 9 had not begun incubating.

1872.

June 2-5

Very numerous and evidently migrating, small companies being found everywhere, often in thickets and brush piles by the roadside. After June 5 they became settled for the season.

1874.

- Aug. 6. Shot one in first plumage, and apparently just from the nest, in a mixed flock of Warblers among second growth birch and poplar.
 - " 8. Most of the young are now in full fall plumage.

1876.

- May 27. Very abundant to-day and I frequently heard six or seven males singing at once. Their song is somewhat like that of Parula and may be represented by the sylables tseep, tseep, tse-tse-tse, with the last three notes on a higher key than the first two.
 - 29. In noticed to-day that these warblers have retired to the tree-tops, and that each male kept to his own domain and defended it against all invaders.
 - " 30. The weather became suddenly cold again last night and these Warblers were again collected into flocks this morning, keeping near the ground in sheltered, sunny nooks.

1879.

May 22. A single bird near poplar tavorn.

- " 24. A single female yesterday. About a dozen of both sexes to-day; the males in full song.
- " 27. Three adult males hopping about in a tree top with other Warblers, occasionally even descending to the ground.
- Duringa a trip up Cambridge River to the sluice this Warbler was the most abundant species observed.

 One male was singing in a very unusual manner its notes resembling those of <u>D. tigrina</u>.
- June 3. Not only the most abundant of the genus here this season but actually outnumbering all the other Sylvicoli-dae put together.
- 5. A female shot to-day evidently would not have bred for sometime.

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Dendroeca blackburniae.

1879. Maine (Lake Umbagog).

(June 9) Conspicuous by its absence every where beyond Errol. 1880.

May 16. | Numbers here already.

1881.

May 12. Numbers singing about the Lake; seen yesterday at Bethel.

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Dendroeca blackburniae.

1869.

July & Aug.

Very common with their young, keeping entirely in the tops of the highest forest trees. They must breed earlier than the other Warblers of this region as their young were all well fledged by July 20 (Glen House, N. H.).

Sept. 3. Saw numbers (Forks Hennebec, Maine).

1873.

Nov. 22. Author Smith tells me that this species was very common in Brookline in the spring of 1873.

1875.

June 17. A male singing a few miles notth of Ashburnham, and I think within the boundaries of Massachusetts.

" 19. A male singing among spruces in a pasture on the sides of Mt. Monadnock (N. H.).

. 1) at pickline pittern a compliant they were past . . the root of the biggers brings bring and beautiful and which as might and by weathers such and make waiting statutation of the state of beginning the little over passes. Contract Proping Resource (1971) . . e) k Andrew testing being out that the promise and your o ATTAL AN ADDRESS OF THE WORLD AN ADDRESS. . · . f. has contracted to other bell- est a parant class a and transcensional Tox and technical and a special to begin in I cold an existing a pl descripe power parameter alone it · I .

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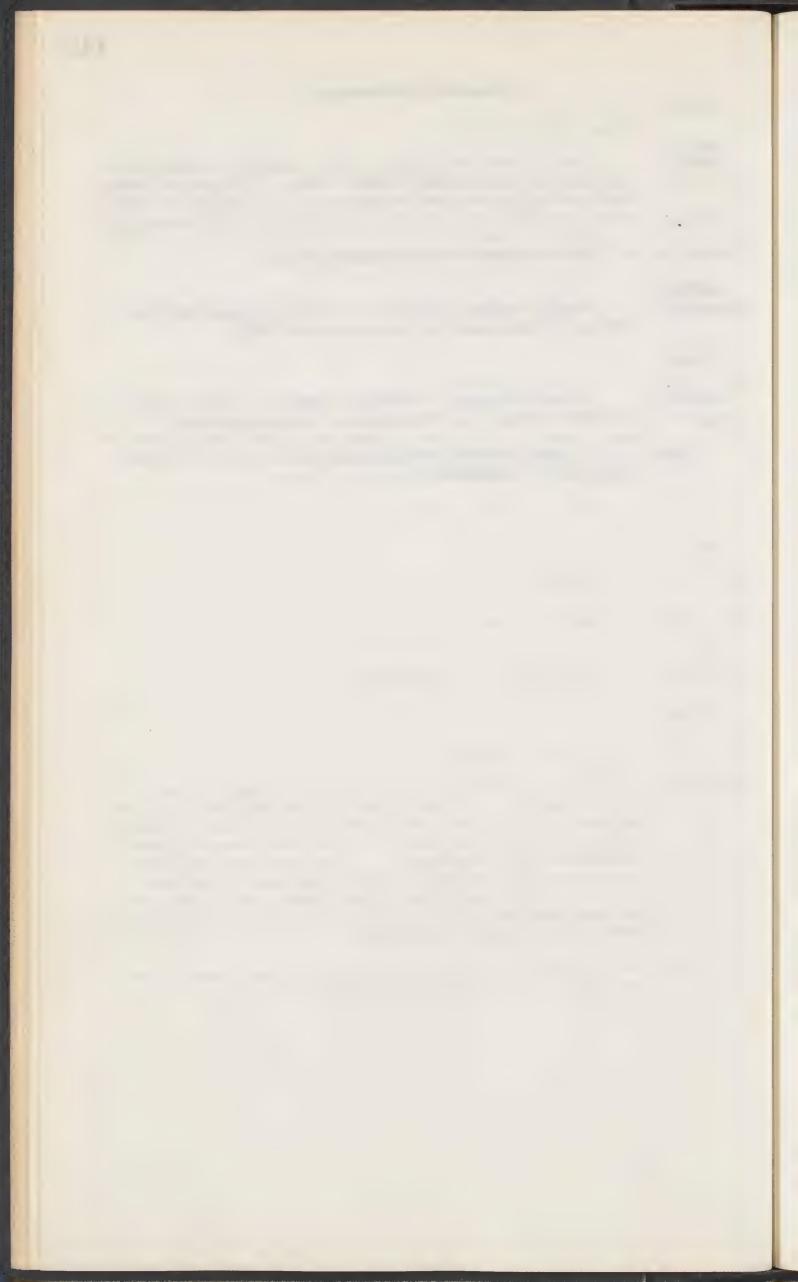
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Dendroeca virens.

Maine (Lake Umbagog).

1873. Sept.22. Saw several to-day.

1881. May 12. Numbers.

, and the 1.773 . I.J. . I

Dendrosca Virons.

1868.

Saw a male near the Profile House, N.H. Aug. 5.

1869.

July &

Aug. Sommon near the Glen House, N.H.

1870.

July &

Rather common near the Profile House, N.H. Aug.

1875.

July 17. Common at Mt. Wauchusett.

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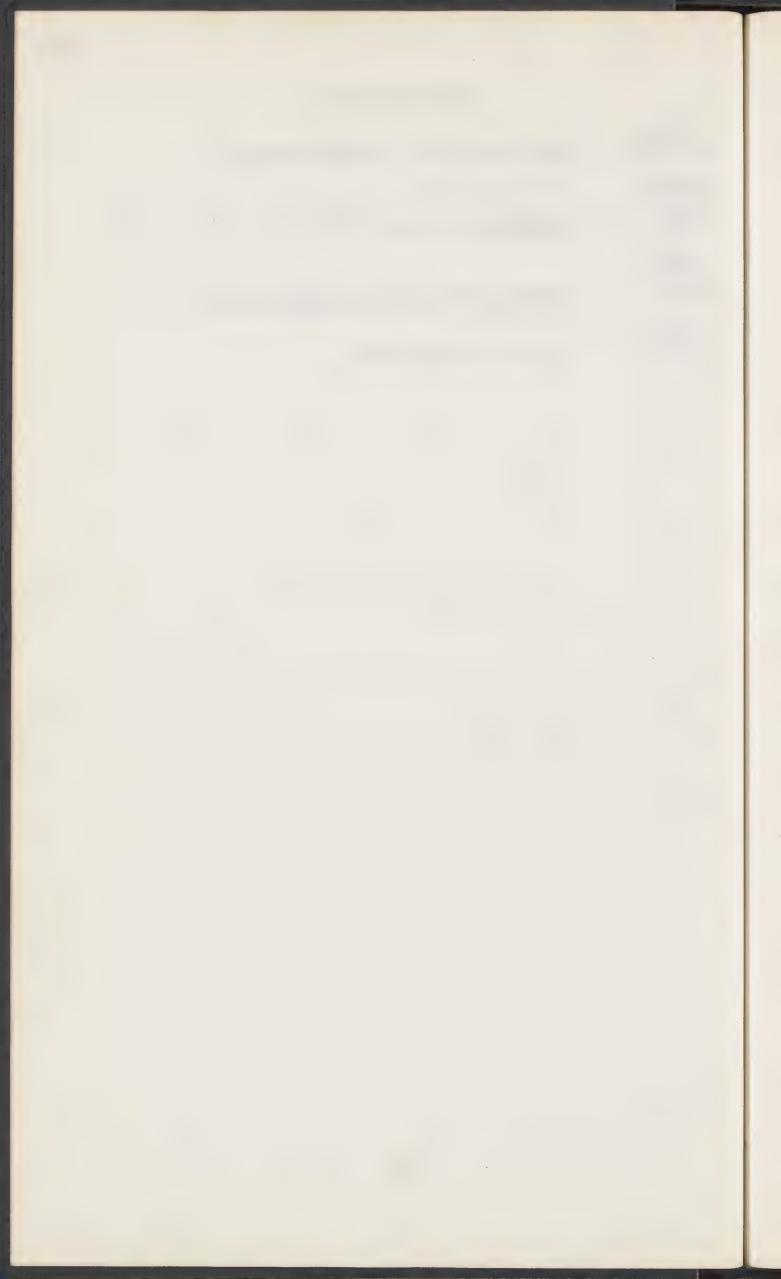
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Dendroeca pinus.

1874. June 18.

Common (Marston's Mills Mass.).

1875.

July 8.

Abundant and one of the most characteristic birds here, I frequently heard three males singing at once (Marston's Mills, Mass.).

1882. July 2.

Abundant from Portland to Norway, Maine, in groves of Pinus rigida; not seen west of Norway.

5 1 Fac. 1 . 1911 . Lensely milital advertiser of the company • 1 CONTRACTOR FOR SECURITION AND SECURITION OF PERSONS · Title NAME OF DESIGNATION AND PARTIES ASSESSED ASSESSE . I almost a ministrative to family ministrative .1 Assert in paint press of healthy will consent. e .. ', ARREST TO FORWARD ENG. LOUIS MALE TO

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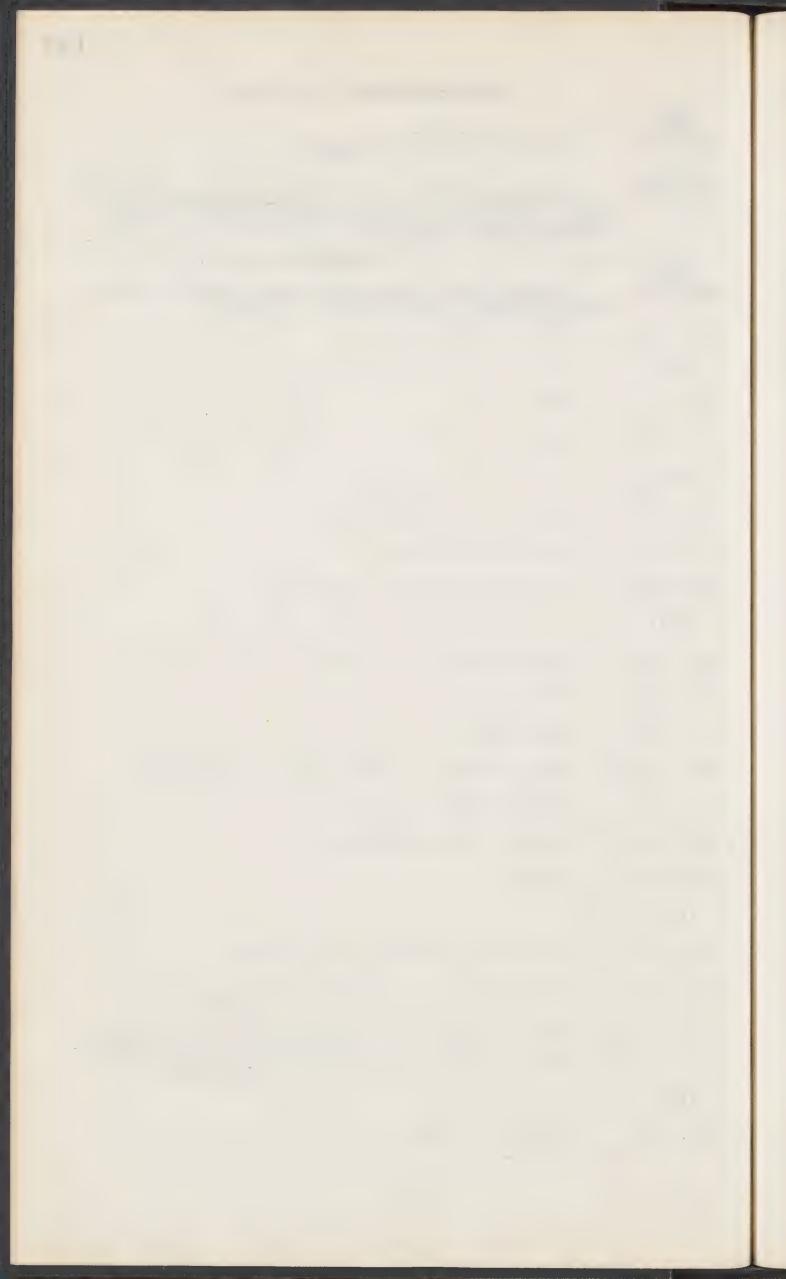
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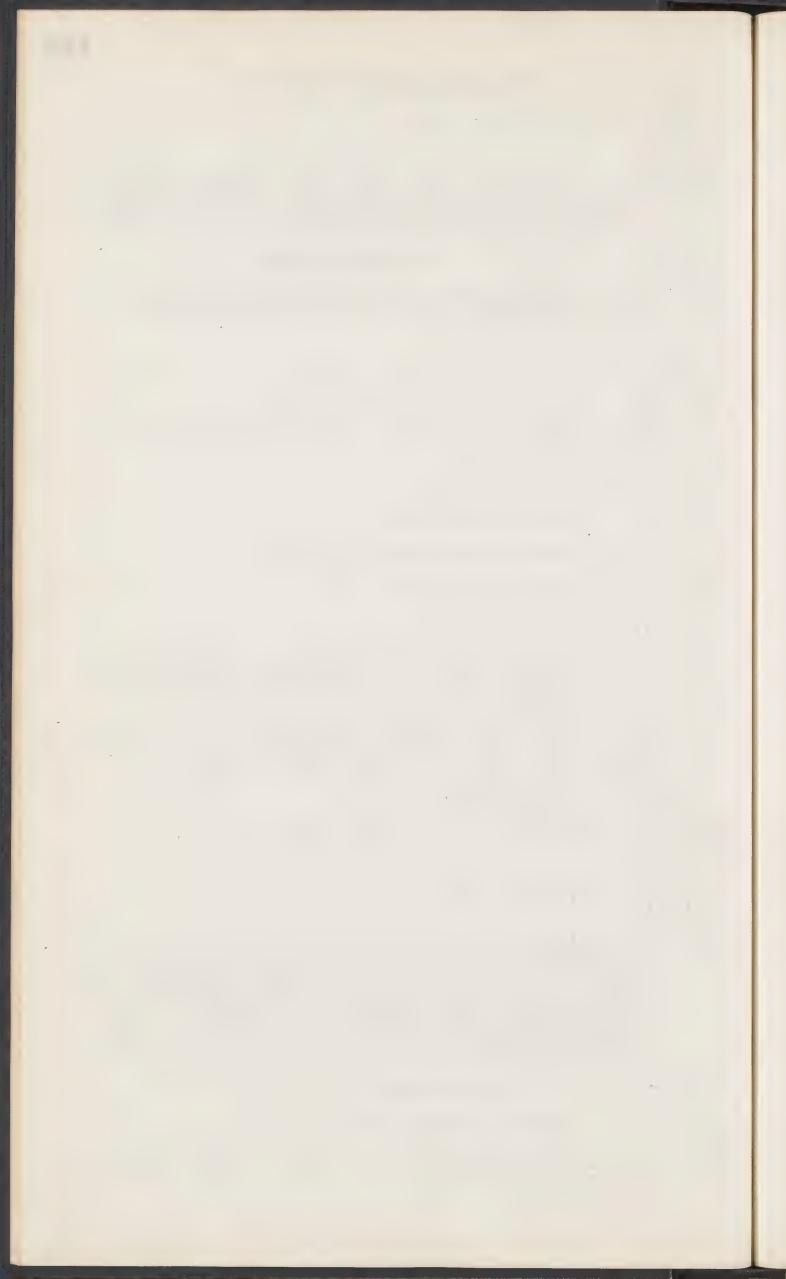
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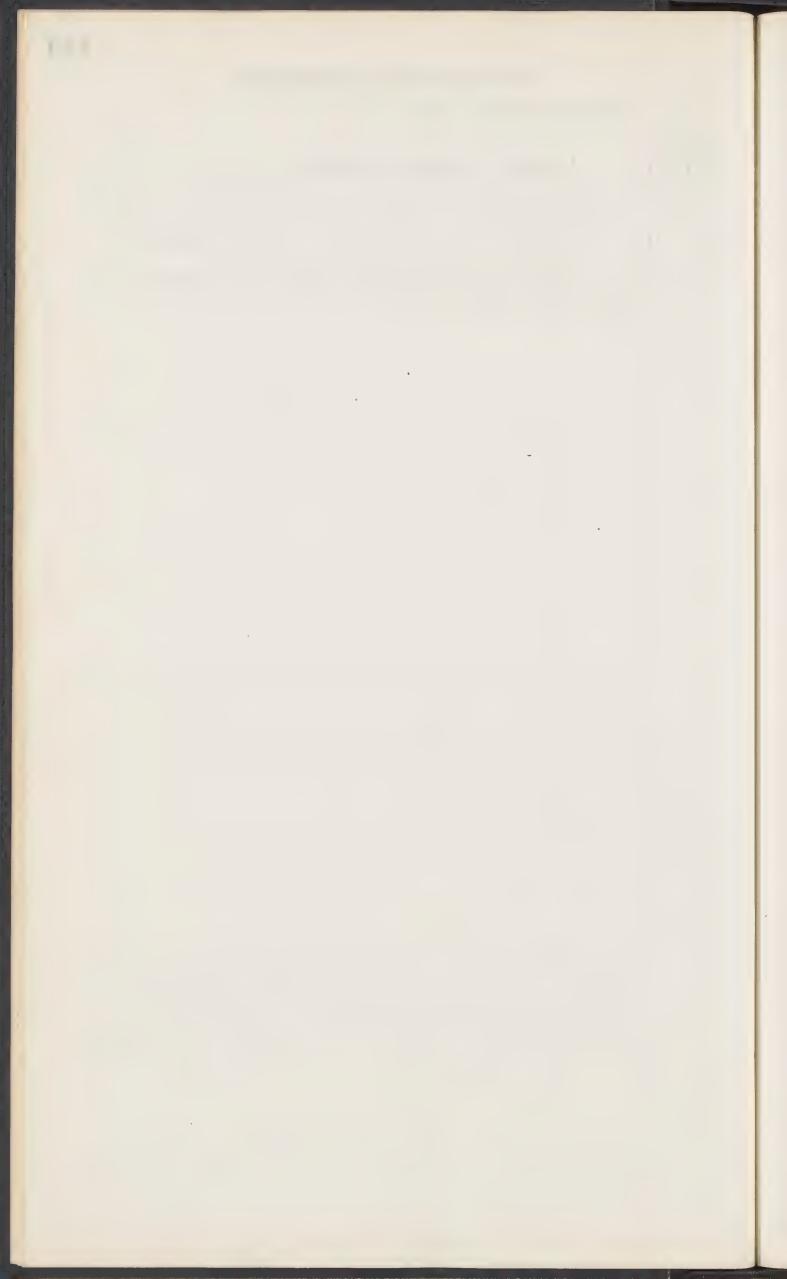
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Dendroeca palmarum hypochrysea.

1875. Sept.30.

One shot on Coatue Point, Nantucket.

AND WE HAT THE LEADING 0 are desired and a facility control of the facility of the faci Dem roeca discolor

1807.

May 14.

'Ladlesex ou ; ass.

Found a nest with four fresh eggs. The female ne 8. remained on the nest till to lest work to detail fluttered off. The nest was built on a low barberry The male was singing about a hundred yards off.

" 15. 1868.

Found a nest with three eggs. Young quite large.

Watched a male for some time . He would light about the middle of a cedar tree and slowly ascend to the top, hopping from twig to twig and occasionally stop-beginning slowly and quickly increasing in rapidity and sirillness; when the bird is near the sound produces a peculiar quivering on the ear of the listener (Belmont).

Saw about a dozen males in an old pasture overgrown Wirls cedar trees and barberry bushes. They spend most of chair time in the cedars but often doscend to the inistus, and occess on all or is to reflect the inound they would chase each other through the tops of tho trans, clucking meanwhile very like the Field Sparrow. The sound to be all males . (Belmont).

dure 6. Found a nest just finished.

" 27. Several males singing (Belmont).

1870.

ay 17. Found them unusually abundant.

Sept.22. Took a single specimen among barberry bushes.

1871 "ay 17.

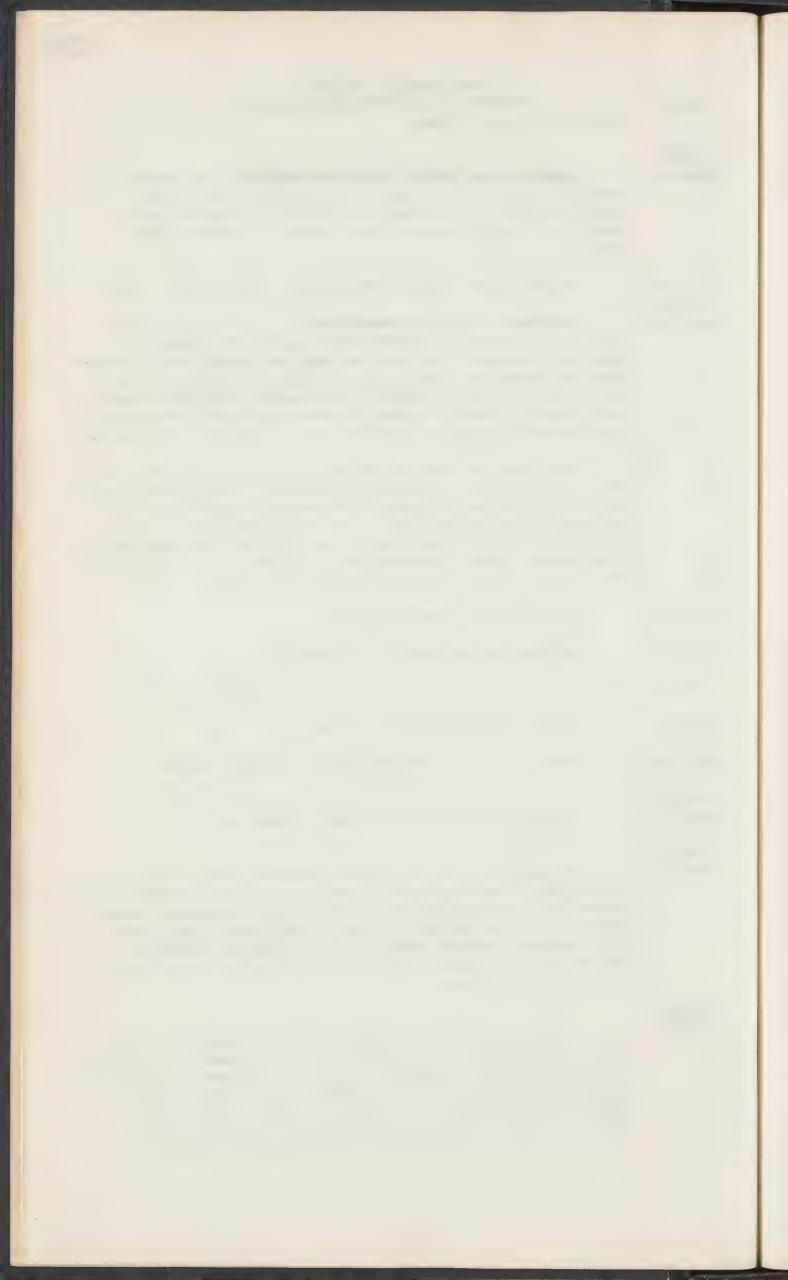
A general arrival of males (Belmont).

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for rosts; one with notify hate on you, you ad a rotton eng, the ot or with five eggs well advanced; both place in ar cry bushes in hich recompastures thickly grown up to that shrub, of the the esta men removed rebuilt there is the irredicte vicinity. The male repoly same rore to two to dred pards from t. dr. ithin, ratos.

1874. June 15.

and with one with for the of ar with five error, all woll was cod. The bridge of tour resus cat alongly and the poles appointed to the first drim too irds chirping very like Yellow Varblers and tilting their tails apprehensively. Neither of these nests were as deep as usual; one has limid largely with feathers; be to the better glowthes on rlineton of tes.



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1875.

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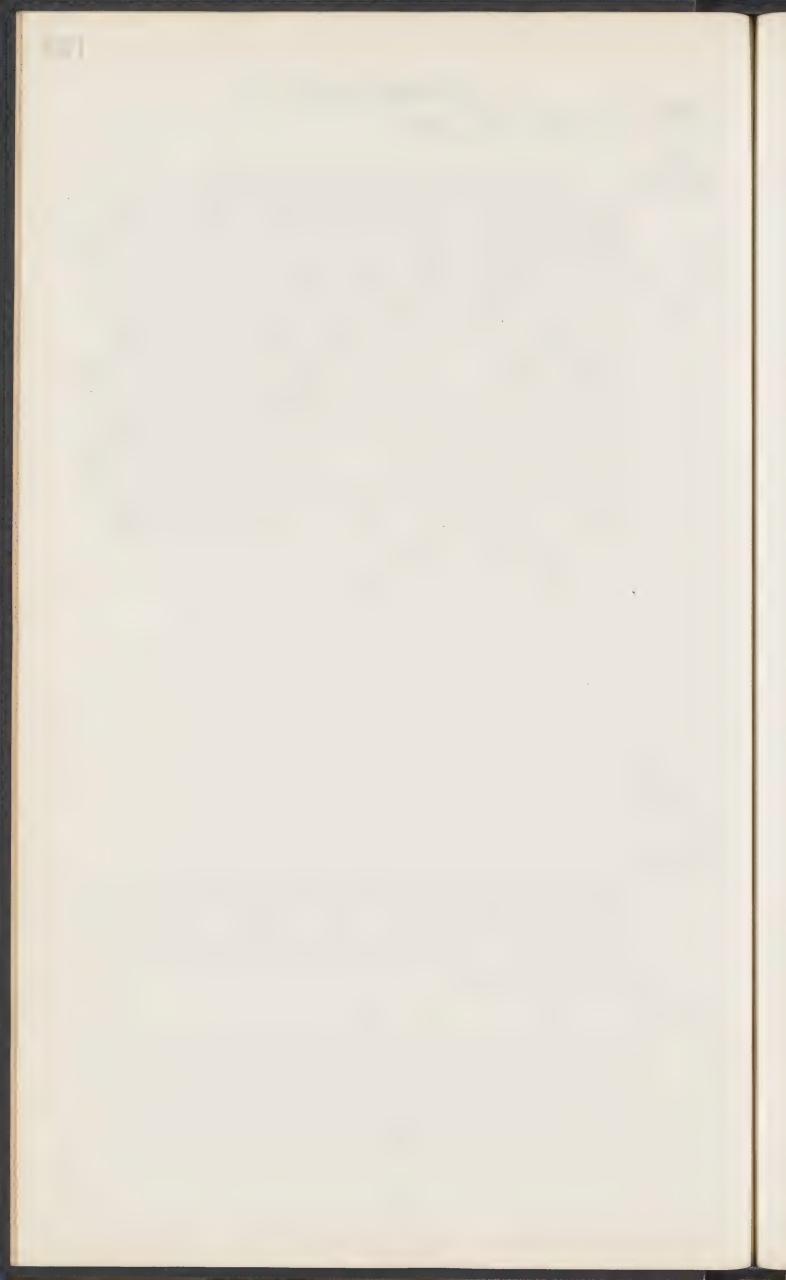
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Dendroeca discolor.

1875.

July 6. Heard two singing (Marston's Mills, Mass.).

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Siurus a wicapillus.

Micolesex Com. , Mass.

1808.

May U. Abor six ales singling.

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1875.

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June 3. Found two mash by accommodity storing noon toom and starting the reast of rest dides quietly and quietly for a few reast of regarding the about 4th spread ings; the second started just as Thosaid to the dam a feet directly in around the feet parties and end of the mash of the feet of the feet parties and end in the feet of the feet

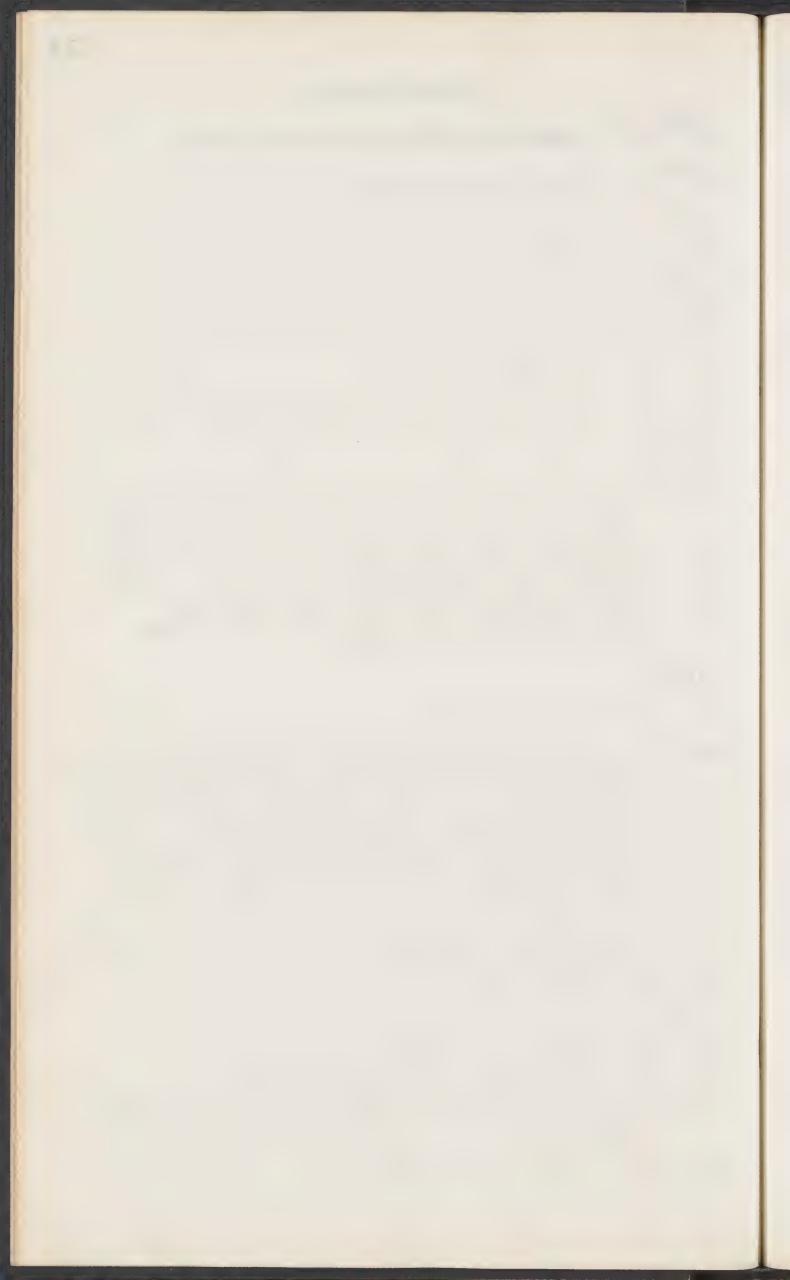
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Siurus auricapillus.

Mindies ox country, Mass.

July 17. The young are now cell through the moult although the moult although the roads (Concord.

Two meles, the first (R loom).

July 17. The young are now well through the moult, although still following their parents chirping in broods (Concord)

Absorbite Picco of the second of the second files

Siurus auricapillus.

Maine (Lake Umbagog).

1872. Jun 3-

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14. Not more than two or three seen.

1880. June 10.

Set G-4. Nearly hatched -- on ground between two fir shrubs; femal sitting. When started she glided off clong the ground, with widely-spread tail and drooping wings, simulating lameness, exactly like the Water Thrush, but keeping perfect silence.

Siurus auricapillus.

Maino (Lake Umbagog).

1872. June 3-

14.

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1880.

Set G-4. Nearly hatched-on ground between two fir shrubs; female sitting. When started she glided off along the ground, with widely-spread tail and drooping wings, simulating lameness, exactly like the Water Thrush, but keeping perfect silence.

Siurus naevius.

Middlesex Count; , Mass.

187.
Sp. 5. Saw one in a perfectly dry garden.

1808.

Tay 5. One.

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la 21. Several.

* 27. Sines, ... 1.si.

Sept. 2. One at Shorth's Pond (Wil an).

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1875.

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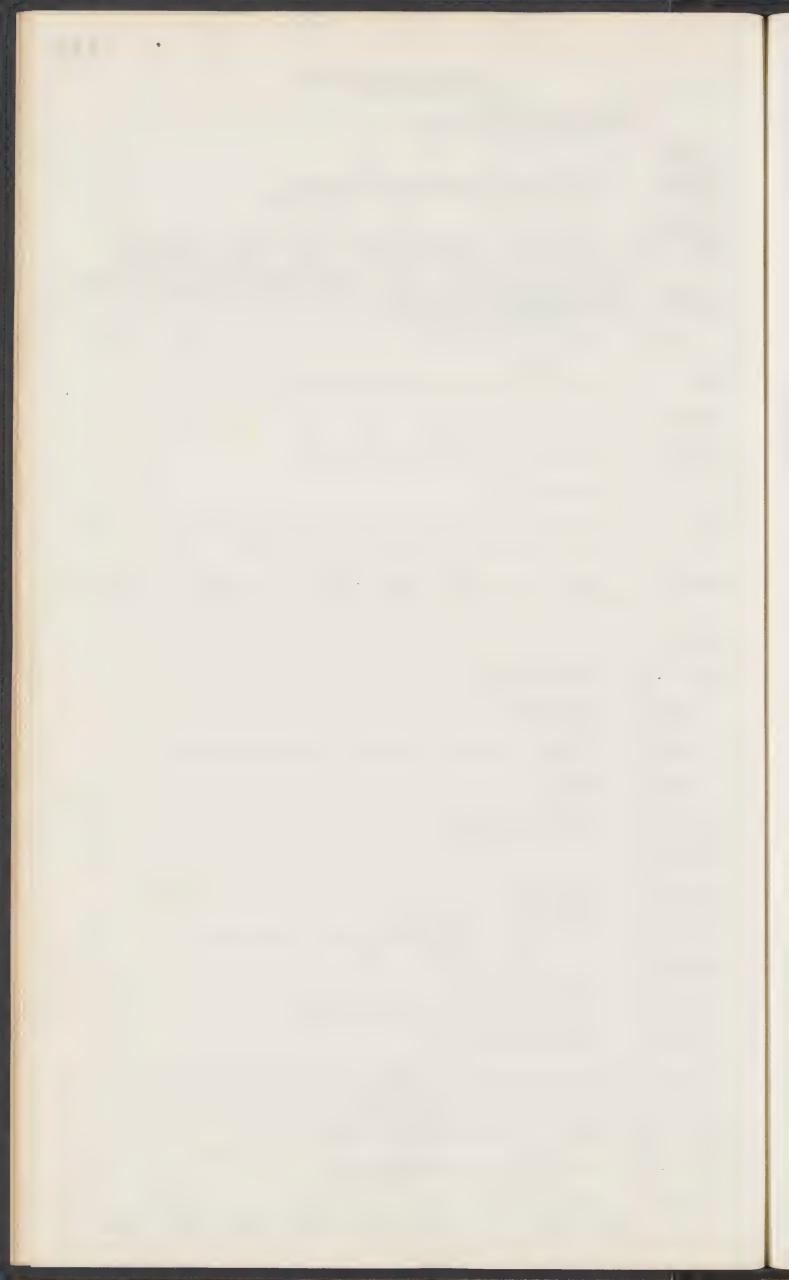
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June 1. One is Franchiscop.

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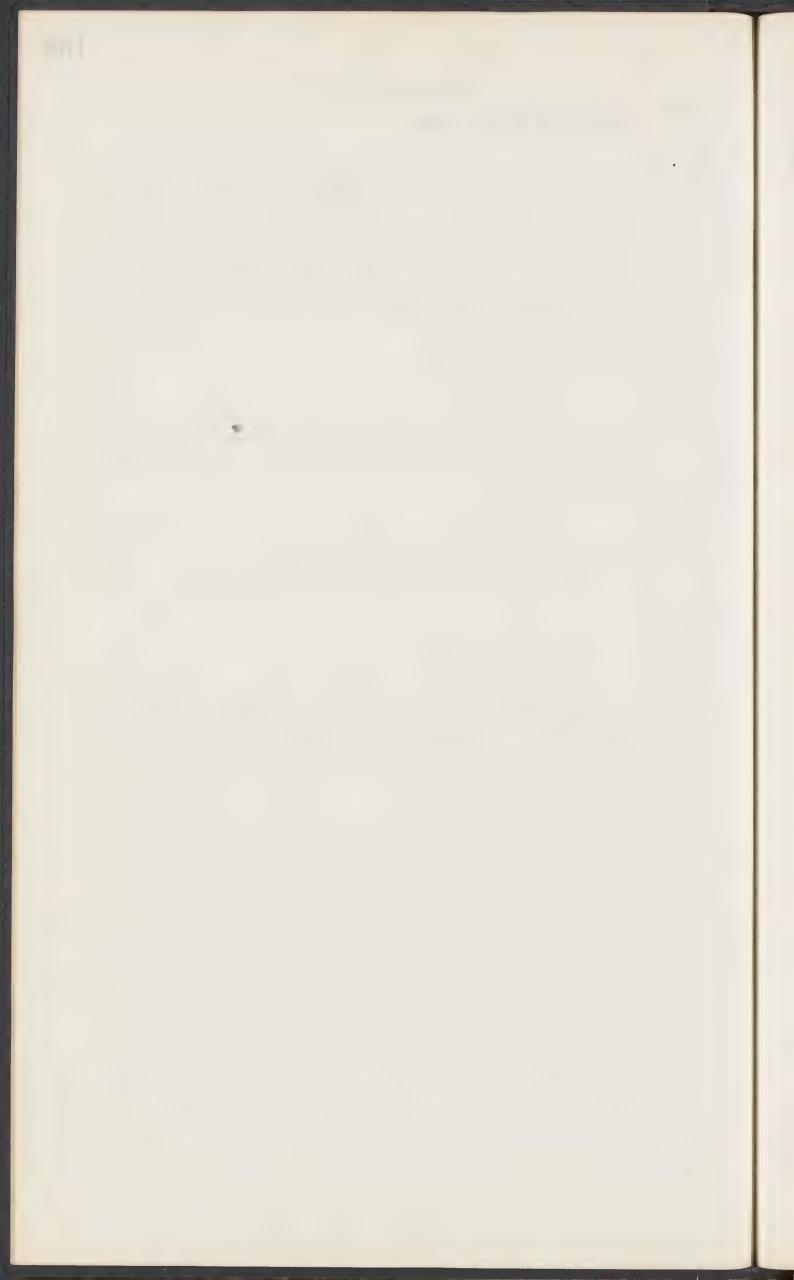


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Siurus naevius.

Maine (Lake Umbagog).

1872.
June 3-

14.

Not common around the lake but literally swarming in the swampy thickets bordering Cambridge River above the dam. There was a striking uniformity in the songs of different individuals of this species. The male usually sings low down in the darkest recesses of his retreat.

1874.

Aug. 3. Saw one on Cambridge River.

" 18. One singing superbly on an Island in Leonard's Pond, his ringing warble soundingall the finer from the perfect silence around.

1879.

May 24. I discovered this evening that the Water Thrush since in the air like the Oven Bird. I saw one rise to the height of several hundred feet above the tallest trees and then descend, uttering its usual song, followed by a continued, tremulous, varied, and exquisitely tender warble. This termination is very similar to that of the Oven-bird. The bird descends on an incline plane.

" 24. A single male single yesterday. Numbers heard to ay.

" 25. At mid-day during a passing shower a male soared above the woods singing in the manner all ready described.

Placed in the vertical side of a wall of earth adhereing to the roots of a fallen tree overarched by the earth in which the cavity had been excavated for its reception. This was additionally protected, both from the weather and observation, by a tangle of flexible earth-laden roots that hung down like a curtain before its entrance. I brushed against this curtain while passing, when the sitting bird fluttered out from behind it and tumbled out on the ground at my feet, simulating lameness. She did not utter any sound, however, and the two males singing in the vicinity did not come near the spot.

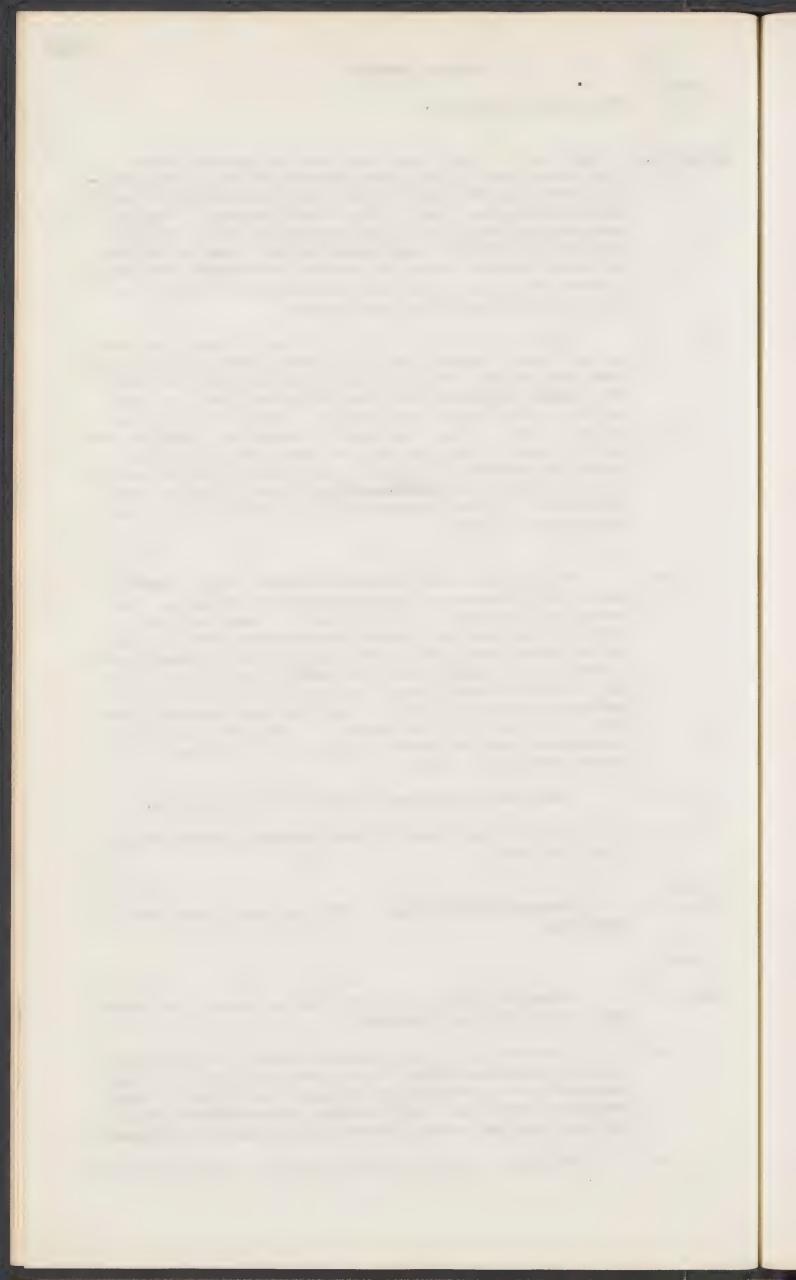
Both sets incubated about six days. The first nest was in the side of an earth-laden root on the north side of B Point on the Lake shore. This nest was not concealed like the one found yesterday, being simply set in the side of the bank. I could see the eggs from a distance of ten feet. The female was not sitting but soon after I discovered the nest shehahdrher mate appeared, both chirpling starply, showing much anxiety, and running over the mess; grand within six feet of me. The second nest was concealed nearly as perfectly as the one found yesterday; it was completely overarched by the bank which projected down above its entrance, and the eggs could not

Maine (Lake Umbagog).

- June 3). be seen until I had torn away the overhanging earth.
 The female was sitting, she started off when I was with—
 in a few feet raising her extended wings above her back
 and spreading her tail tothe fullest extent. While I
 was packing the eggs she was constantly within fifteen
 feet of me and sometimes almost within reach of my arm.
 At first she was silent but shortly afterwards she began
 a sharp chirping. The male was singing meanwhile in
 the distance but he did not appear.
 - Nest containing four eggs incubated about ten days; in root bank, overarched by the earth above but not otherwise concealed. The eggs could be seen from in front. The female sat so closely that I walked past the face of the bank without flushing her. Upon returning and stooping down at its base she fluttered out directly under my nose. The nest was not more than six inches above the ground. I notice than when the earth bank is entirely above high-water-mark the nest is placed near the ground. When otherwise, it is higher in the bank, often near its top.
 - Set of five eggs incubated several days. Nest in wavity of root-bank about six inches above base. The female sat closely; I saw her on the nest and nearly touched yher with my finger tips when she slid off and glided about among the ferns like a mouse, expanding and spreading her wings above her back. She did not fly at all, but continued running about in this manner while we remained near the spot; she also kept perfectly silent. The male did not appear. This nest was simply overarched with the bank; it was in the depths of a gloomy swamp on B Point.
 - " 16. They rarely sing now except in early morning.
 - " 18. Took a young bird in first plumage apparently just from the nest.
- May 12. Numbers inifull song. Alva Cooledge heard them yesterday.

1880.

- May 16. A number singing, several soaring above the woods and singing as they descend.
- A female at work on her nest under the projecting bank of Cambridge River. The cavity in which she was arranging the outer rim of her nest had evidently been recently excavated; she gathered her materials from the water's edge and paid no attention to our near presence.
- " 24. Two nests; one with two, the other with three eggs.

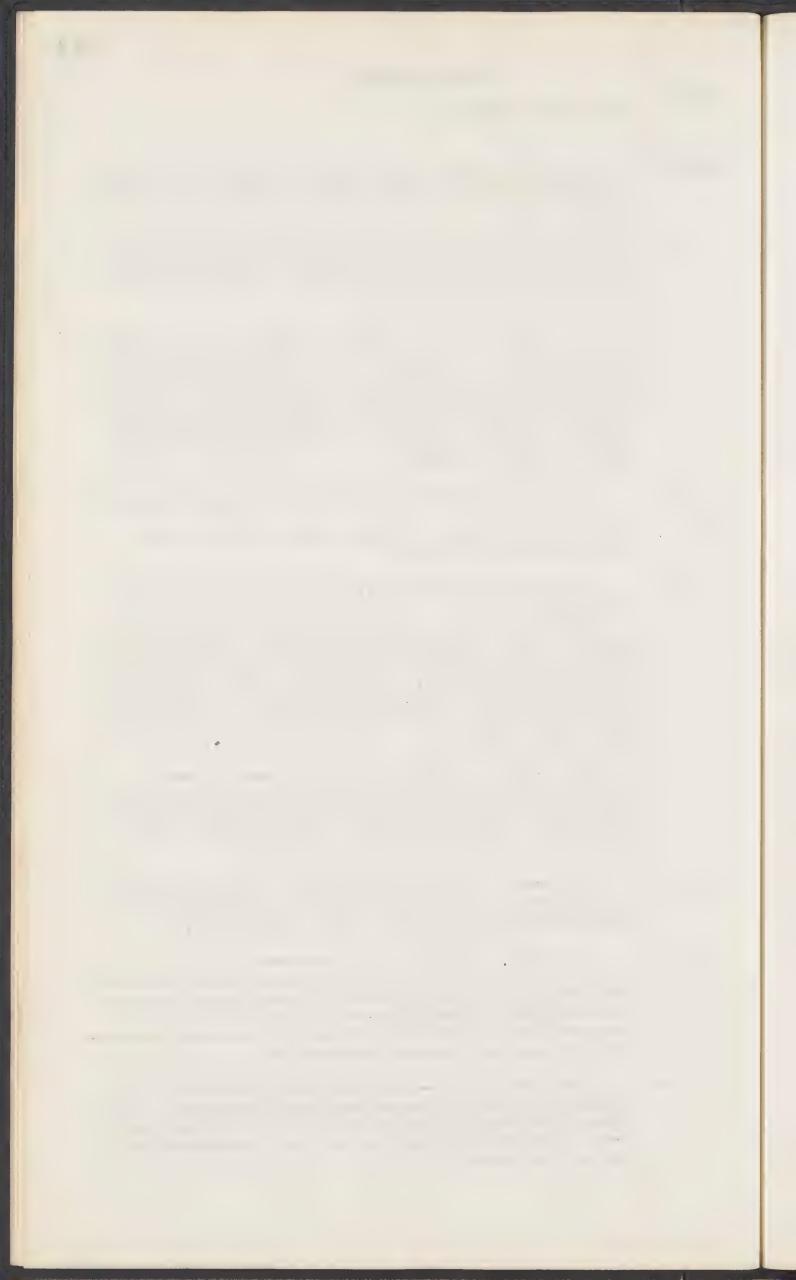


1880.

Maine (Lake Umbagog).

- (May 31) Set H-3. Fresh. Root bank on shelf protected by the overhanging earth above; female absent; male singing near by.
- " 28. Set F-6. Fresh--root bank, eighteen inches above base; female sitting; she dropped to the ground and ran quietly off, nor did she return. This nest found May 24 when it had two eggs.
- "

 Set G-4. Incubation about two days; nest in rootbank near the top; entrance so narrowed by the overarching earth that the bird had difficulty in squezing out;
 she dropped to the ground when I approached and stole off
 along the dround like a mouse, afterwards returning and
 chirping faintly; position of nest five feet above the
 base of bank, and directly over a Winter' Wren's nest,
 newly finished but empty.
- " 31. Two sets, five each, all incubated five or six days.
- June 2. Set I-4. Incubated four days; root bank near lake shore; female sat closely.
 - " Set K-5. Root bank just outside wood edge; female sat closely.
 - "Set L-4. Fresh. Root-bank within fifty yards of preceding nest. This nest is probably a second one by the same birds whose nest was broken up by Crows or Jays last week (see May 28). The eggs correspond so exactly with those of Set B-4 taken within fifty yards of the same spot in 1879, that I think they must have been laid by the same bird.
 - "Set M-4. Incubated four days. Bank of Swift Cambridge where the water had worn away the earth, leaving the bank a little overarchedg; nest three feet above the water; found May 22, when the female was at work lining the cavity which she had excavated.
- " 3. Set N-4. Incubated five days. Root bank at the very bottom; female sitting; she came off only when my fae guides face was within a few inches of her.
 - 8. Set 0-4. Incubated seven days—root bank—overarched and nicely concealed by a projecting flake of earth. The female sat closely and after being flushed returned and repeatedly tried to enter the nest while we were standing within a few feet of it. The male also appeared, tilting and chirping incessantly.
- " 9. Set P-3. Fresh--root bank, well concealed under overhanging shelf; female sat closely and made a great fuss. This set is the second laying by the overests of K-5. The two nests were in adjoining root-banks not twenty feet apart.



1880.

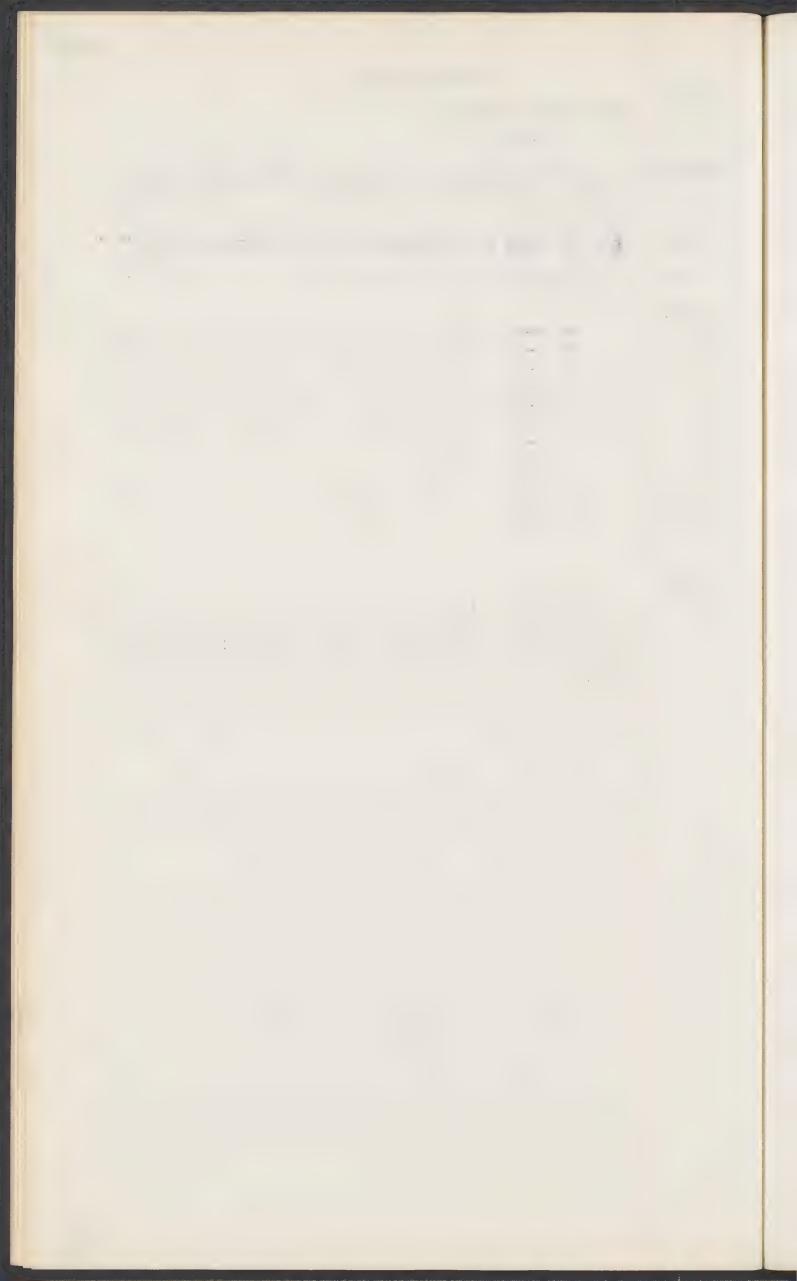
Maine (Lake Umbagog).

- (June 15) A nest containing five young nearly large enough to fly; we examined the root-bank two weeks ago but somehow failed to find the nest.
 - " 15. The song is a rich whit, tit, tit, ter-tit-ti-dee.
 - " 17. Brood of young on wing.

1881.											
June	1.	Set	R-2.	Nest	in	uptur	ned	roots	of	fallen	tree.
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Joseph Ed.

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Siurus naevius.

1868. Aug. 7.

Two males singing near the Profile House, N.H.

July & Aug.

Common near the Glen House, N.4. One which probably had a nest in a pile of old logs attacked every bird that approached the place.

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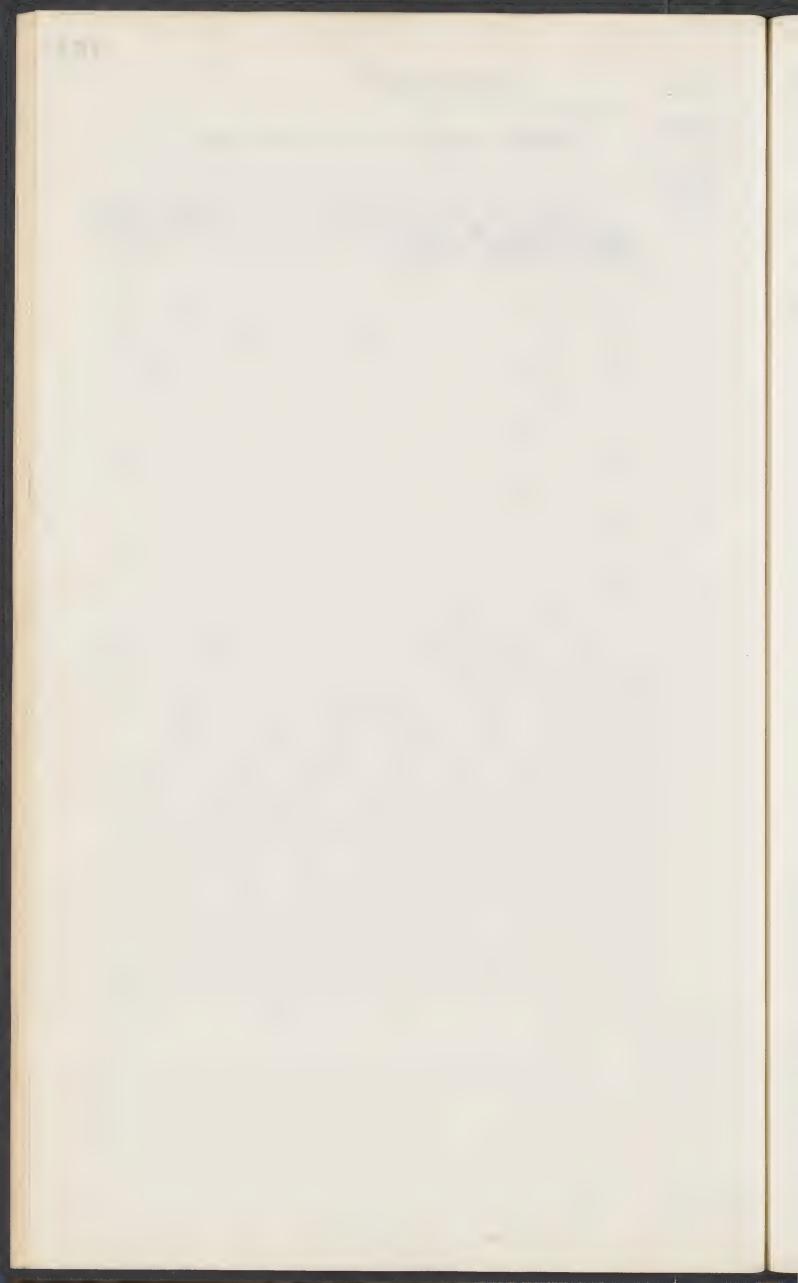
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Oporonis agalis.

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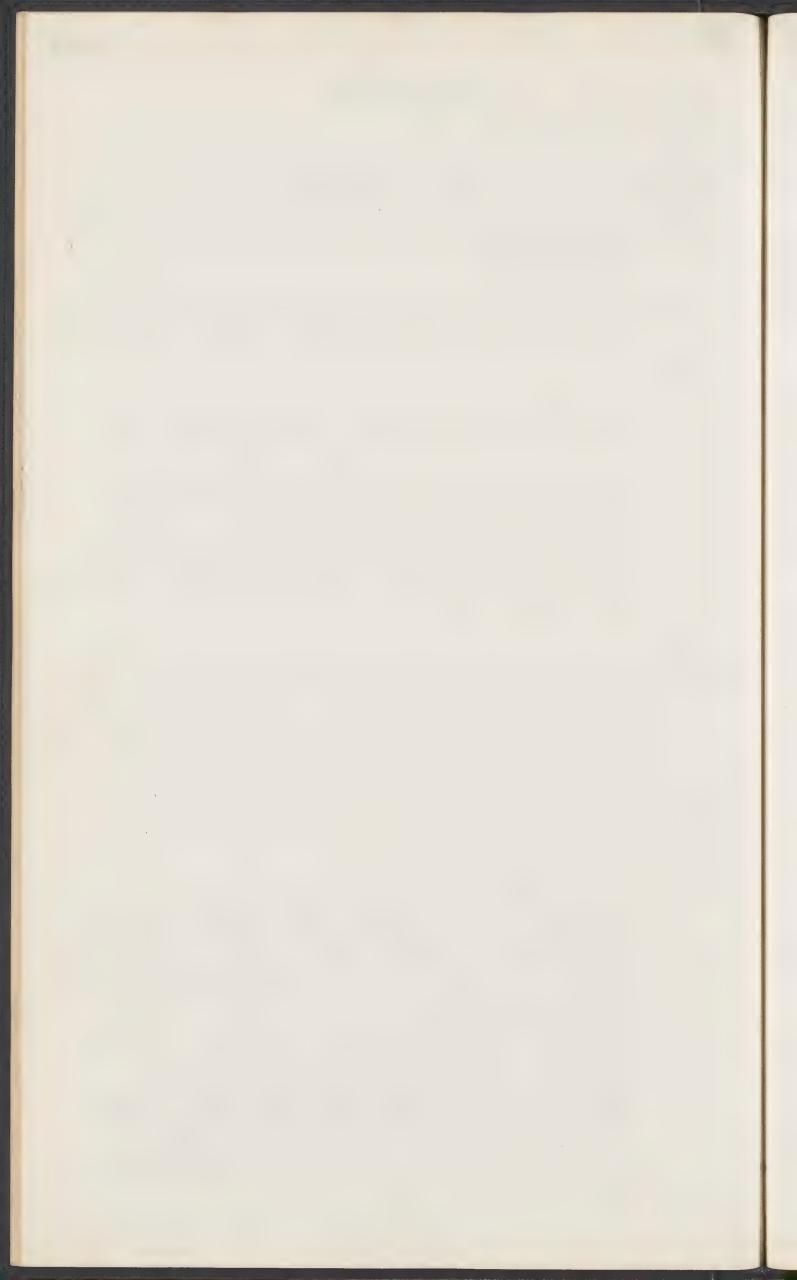
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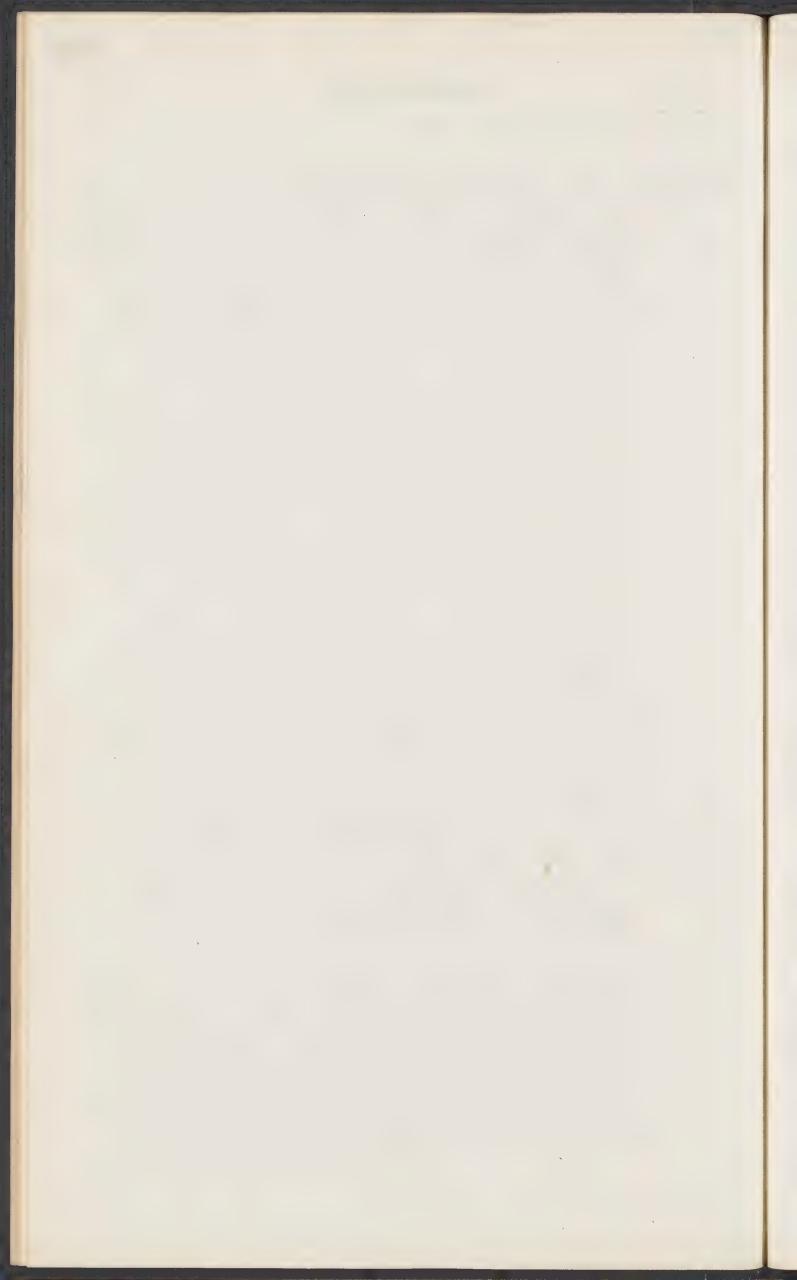


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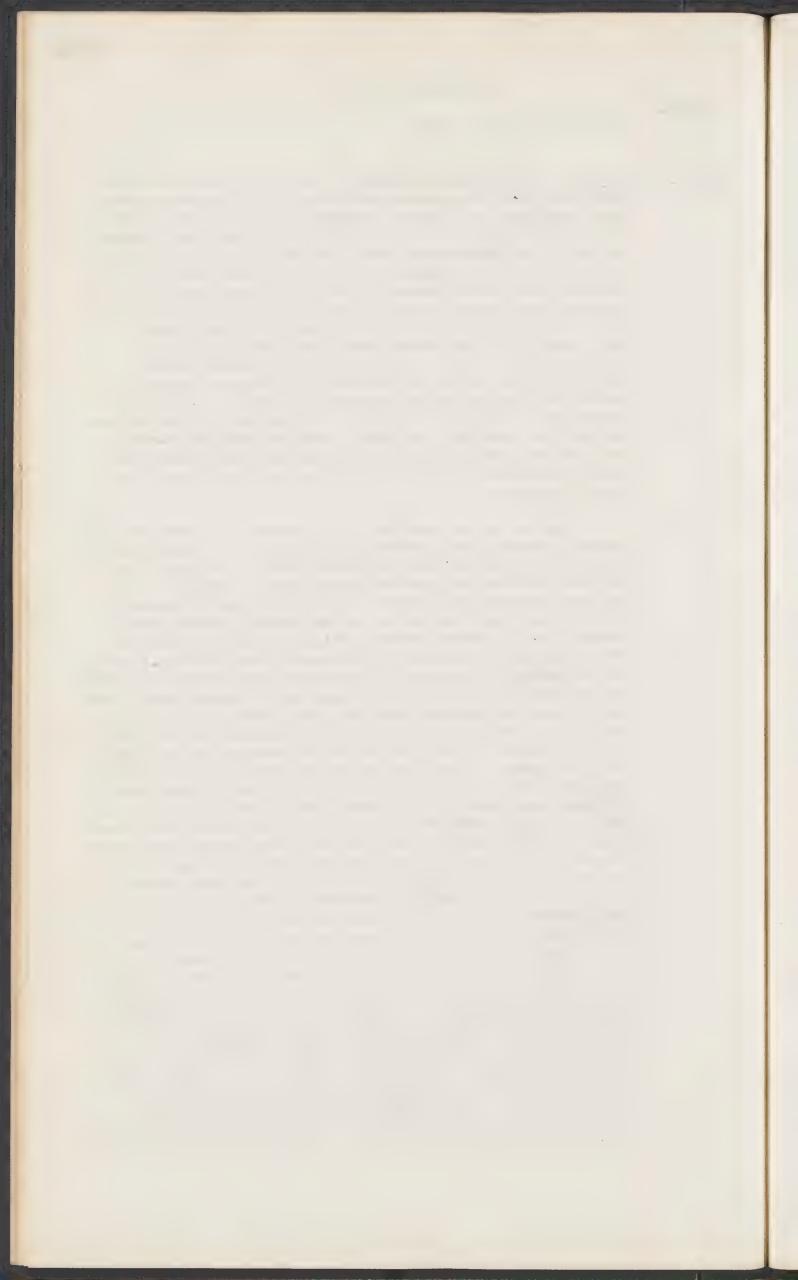


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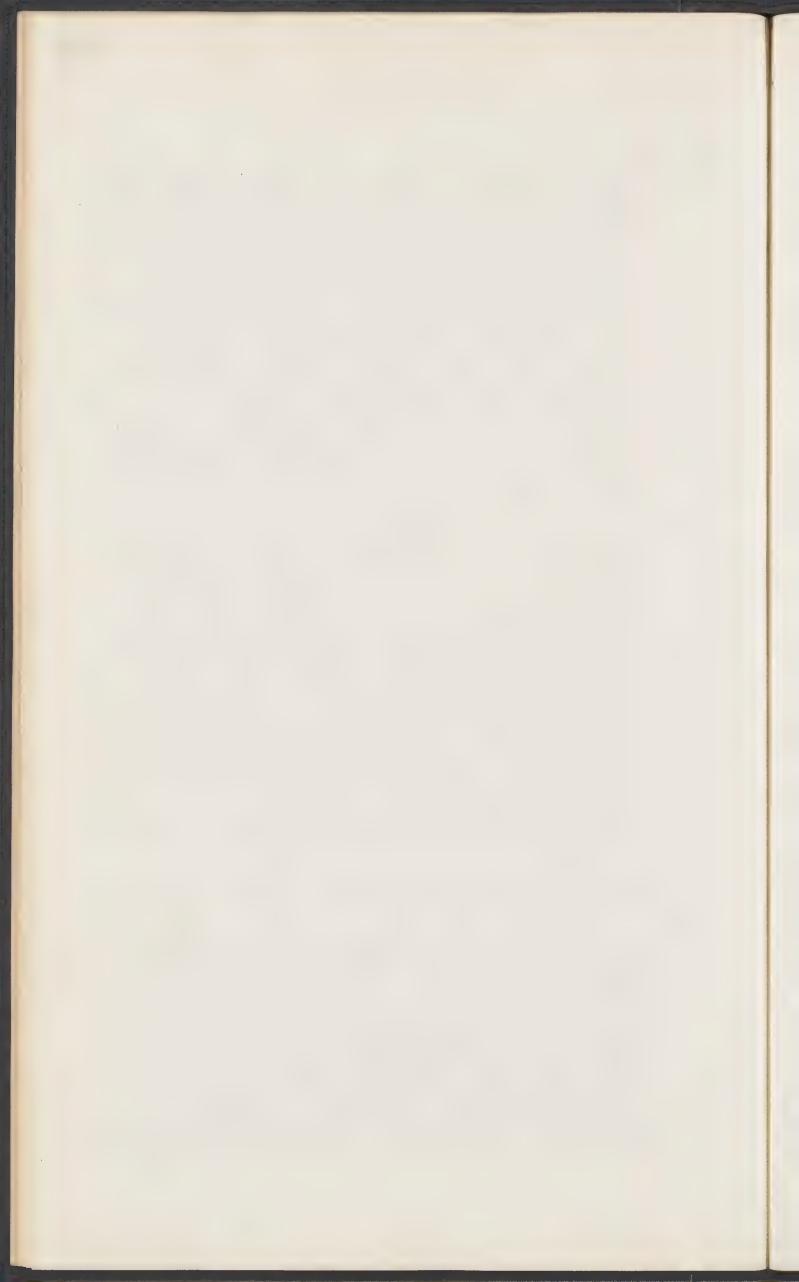
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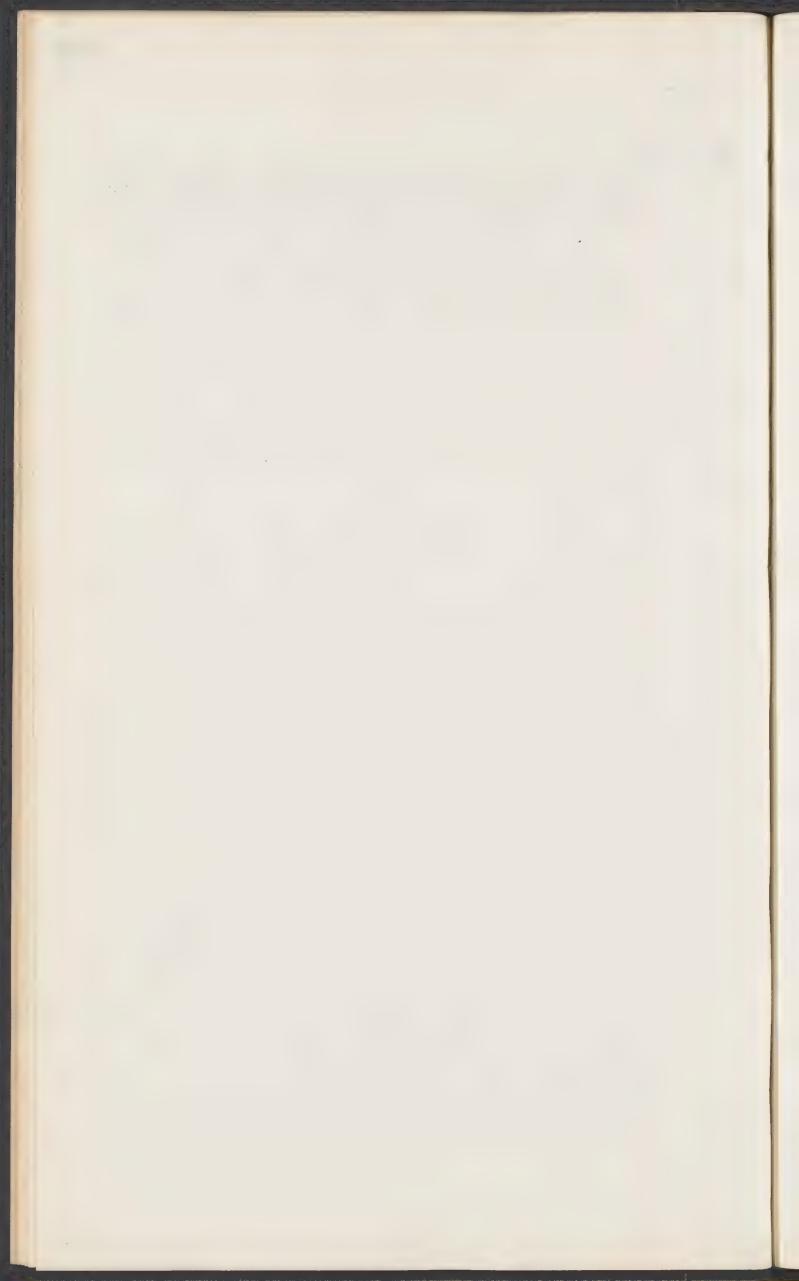
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Oporonis agilis.

1875. Sept.27.

Shot one on the Nantucket Commons. It started under the horse's feet in a tract of thin beach grass, flying only a few rods before alighting and lying very closely when I approached.

...

Geothlypis philadelphia.

Middlesex County, Mass.

1866. May 21.

Shot an adult male in our garden.

1875.

Shot an adult in the maple swamp. She was June 8. very tame and chirped at me anxiously in the same tone as an Indigo Bird, upon dissection I found that she would probably not have laid this season.

Shot an adult male in very high plumage in our gar-June 3. den, Cambridge. It was in a thicket of lilac bushes and was singing freely. It proved excessively fat.

TANGE OF BUILDING STATES Po . . AND REAL PROPERTY AND PERSONS ASSESSED. . 22 967 , , E Cort of the shell seems to the neglecter seems. She was 0 rent ment of all placeded on to begin basened your ME AND ROBERT COMP. AND ADDRESS OF THE PART AND named of the pint and the street of the 29 when you all supervise that we've all other others in real 60 Decision and it is remarked to the second of the province of the second of the second

Geothlypis philadelphia.

Maine (Lake Umbagog).

1871. May 30-June 10.

Rather common. Haunting wood-edges and small clearings and grown up bushes. On the Stage road between Upton and Poplar Tavern we heard no less than seven males singing in the course of a single morning, they almost invariably sing from the protecting branch of some dead stub. Twenty or thirty feet above the ground. The ordinary note is precisely like that of the Maryland Yellow-throat. In addition they have a shrill petulent chirp inclined to be characteristic.

1872. June 3-14.

Common in a rather limited locality on the side of Uptoni Hill. They haunted brush fences, old log heaps, and thickets of raspberry bushes, rarely far from the woods and usually along their edges. Sometimes a pair would be found in some small but sunny opening well within the forest, but never actually under its gloomy In their habits and motions they resemble G. trichas but are more timid and retiring as well as very much harder to shoot, for they plunge into their favorite thickets on the slightest alarm. Several males were shot in the very tops of the tallest beeches and birches along the wood edges at least seventy or eighty feet above the ground. In these situations they showed much activity, chasing insects among the branches and frequently singing. Although they sang from elevated and exposed perches, much oftener than G. trichas this practice seemed rather the exception than the rule the present season, for usually the song would be heard on or near the ground in the long heaps. It is a short but very sweet, rich warble sounding like whees-wheeswhees-whees, tu-tu-tu-tuo. It varied somewhat with different singers, and was soretimes shortened to wheeswhees-tuo-tuo. Occasionally they sang on wing soaring high in air like S. aurocapillus, profixing a few extra notes to the ordinary ones, and at the end, closing their wings and dropping to the ground as if shot.

1874.

Aug. 11.

Shot a young bird in full fall plumage. Also shot two young just from the nest which I take to be of this species; they are darker about the head than the Maryland Yellow-throat, and rather larger. One of them, however, uttered the characteristic tshay of the Maryland and an adult female of that species was chirping anxiously near the spot.

" 13.

Shot a young male in full fall plumage, in a little opening on a wood path. This species is more deliberate in motions than the Maryland Yellow-throat, and I think does not jerk its tail at all. Its chirp, which I heard distinctly to-day, is almost identical with that of Siurus naevius.

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Geothlypis philadelphia.

1874.

Maine (Lake Umbagog).

- (Aug.14) Shot a young bird in full fall plumage among the sgrubery in the garden. It was very tame, allowing me to approach within a few feet. In addition to the sharp chirp already described it uttered the faint lisp common to nearly all Warblers. I shot one in nearly the same place yesterday afternoon.
 - " 20. Killed two, one an adult male in fall plumage.

1876.

- May 29. Shot a male in a log heap. He jerked his tail repeatedly like Geothlypis trichas and uttered a harsh whink, wheink almost precisely like that of Opornis agilis.
- June 7. Explored the sides of Upton Hill thoroughly to-day without finding a single bird of this species.
 - " 11. One appeared bohind the barn this morning and was in full song.
 - " 20. A male sitting motionless on a tall stub at least fifty feet above the ground singing at regular intervals.
 - " 24. Along the road between Upton and Poplar Tavern, we heard eight males ringing this morning, most of them south of the Notch. In one spot two were singing within a few rods of each other.

1879.

May 24. A female seen in brush heap.

- " 25. Two males singing, one in the brush-heaps behind the house the other near the Peaslee Grook.
- A male among fallen tree-tops behind the house eluded me in the most provoking manner; creeping about like
 a Wren among the debris. Sometimes he would appear
 within a few yards of me, disappearing almost instantly,
 aand when next seen would be perhaps forty or fifty
 yards away. His gait was distinctly a "hop" but in
 other respects he resembled the Connecticut Warbler, especially in flight and in attitude when perched.
- June 8. Nest with four fresh eggs among wild respherry bushes in pasture on Upton Hill. Nest raised a few inches above the ground among the surrounding stems; female sitting. This nest was brought to me by Oscar Torse who described the female accurately, and when shows a number of Tarblers od different species, unhesitatingly picked out a female Mourning Warbler from among the other skins as being the bird in question.

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1879.

l'aine (Lake Umbagog).

- (June 9) Two males, one just below Dixville Notch and the other near Colebrook.
 - " 11. A male singing in the top of a tall ash on the bank of Cambridge iver about teres miles above the dam.
 - " 2.. Shot two on East mill, Anover road. On shift in top of dead fir thirty foet high—the other singing in nountain maple.
 - " 21. Female shot in a tocket of wild resphereiss on the hillside above Peaslee's spring was incommuting.
 - " " A pair in the Raspberry Thicket a property spring. Mo ions similar to those of G. trichas-chirp identical with that of Opernis agilis.

June 12. One note soon tis coming; they are very scarce this season.

1881.

May 24. A male singing mear Pecslee's s ring.

- " 28. Male singing on the top of toll dead fir behind the Lake House.
- " 30. During the drive from Upton to Bethel heard only three singing.

CAS.

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Geothlypis philadelphia.

1868:

June 1. One shot on Cape Elizabeth, Waine, by Deane; it was in spruces on the cliff near the sea.

1869.

July & Aug. Seen rather frequently, in one instance met a male accompanied by a female and several young. They frequented undergrowth about the edge of the clearing (Glen House N.H.).

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Geothlypis trichas.

Middlesex Con., Mass.

18.0.

lune 9. Nest with one egg.

1008,

May 20. Saw one building.

" 4. Serval poles : inging.

June 1. Found a nest jus finished.

"
4. Found an a on whithen have freshough the new could scarcely be disting ished from a field sparrow's one like it was reised about a foot from the each, in the ground judget so common in rocky pasters. The male was itematice.

" 8. Found the strong fresh eggs

July ". After on interval of silence he rales are all since in again; hence I believe they have record broods

25. ' few males still singing.

ept 27. Governal.

1809.

1870.

*ay 8. ^ male one

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une 1. West, with four fresh eggs, autoched to hree or four upright form stalks

^ct 24 An adult male

1871.

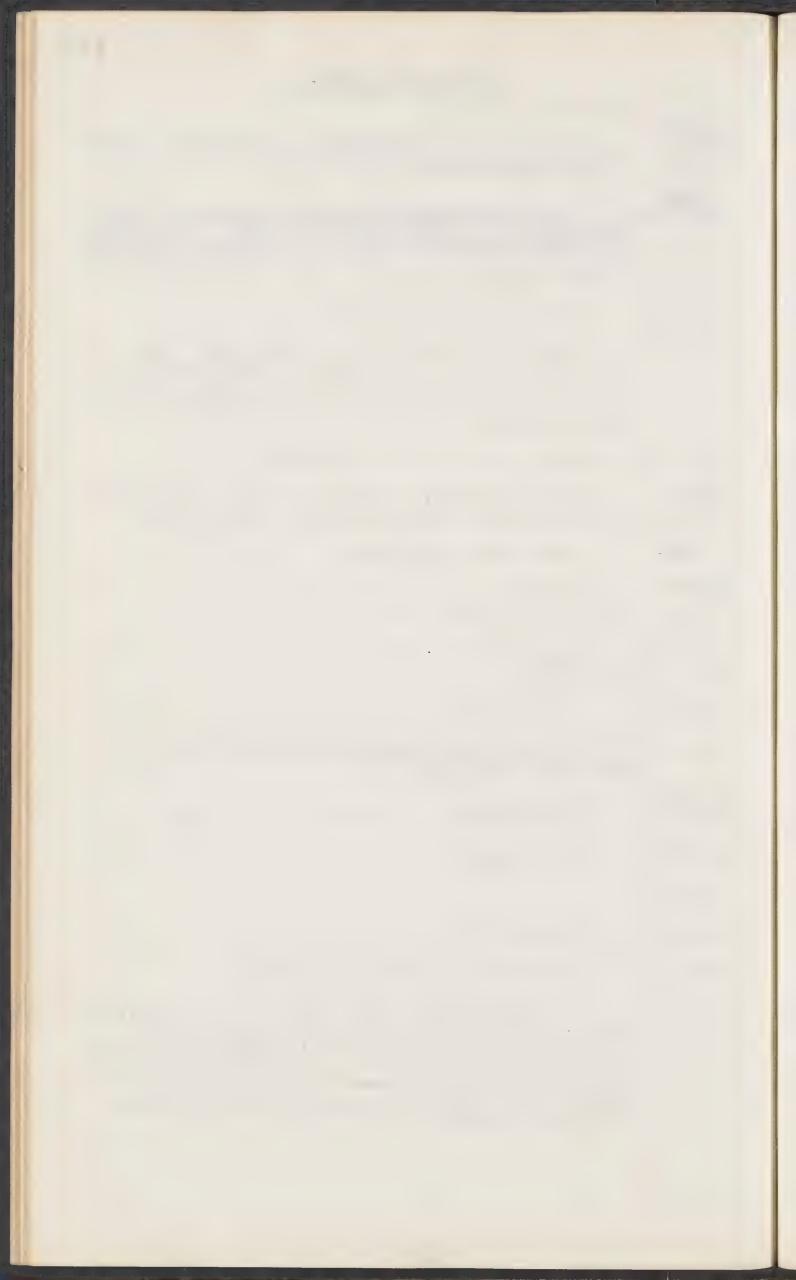
"ay 2. Several males.

1875.

"ay 11. umbers.

une 1. Test three eggs, and one Cow Tird's.

" 3 Two nests, one with three, the other with four fresh eggs The first built among ferns, resting on the ground but by its own excessive bulk, supporting the eggs at the height of nearly a foot; the other in the top of a high ground-juniper at least three feet above the ground. The males of both stole off quietly, neither returning or chirping



Geothlypis trichas

1875

Widdlesex County, Tass

(June 10) Test with four fresh eggs in the Fresh Tond Gwamps It was elevated above the water at the height of about twelve inches, and supported between the upright stems of a button bush.

1876.

Oct. 27. An adult male (Concord).

1879.

Oct. 7. Saw one we-day, the firs for me weeks.

' 14. Two in delats by an roadside (Concord).

1880.

'ay 5. Several males, the first (Relmont).

1865.

June 10. Nest with four eggs (R.Deane).

1868.

May 16. Shot an immature male with the black of the head restricted to a line through the eye.

" 25. Shot an immature male similar to the one taken May 16.

" 26. An immature male with the black of the head restricted to a line through the eye was collecting the bark of a red cedar and working it into a nest which was placed in a ground juniper.

1875.

Sept.11. An adult male in the beautiful fall plumage.

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1871. Maine (Lake Umbagog).

July 28. The young who just out of the nest have procisely the same note as the adult bird.

Several in a 1 rge swamp on the Tyler Path, Aug. 6.

Heard one singing. Sept.13.

1873.

1873.
Sept.22. Saw several on Cambridge River.

1882.

A single young male seen on the mank of Cambridge Oct.8-22 River, October 10.

.. 1111 · 11/4 1 . 1 . 1 C. L. J. C. 17 . 1.1.1 e : ; . . U') 4 ... ,

Geothlypis trichas.

1869.

July &

Aug. Abundant in the undergrowth about the Glen House clearing, N.H.

1870.

Sept.2-10. Abundant about Moxie Pond, Maine.

1874.

July 1. Common and apparently the only Warbler breeding on the Island (Nantucket).

1875.

July 8. Numerous (Marston's Mills, Mass.).

June 19. Abundant on Monadnock (N.H.) above Timberline, their songs differing appreciably from those of the low-land birds.

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Icteria virens.

Middlesex County, Mass.

1874.

June 13. A male singing in a dense thicket near Arlington Heights.

and promote released to 1.1 organization with a second reason of the substitute of the literature of the literat * : 3 *

Ictorus virens.

1873.

Nov. 22. Author Smith tells me that he has taken two specimens in Brookline.

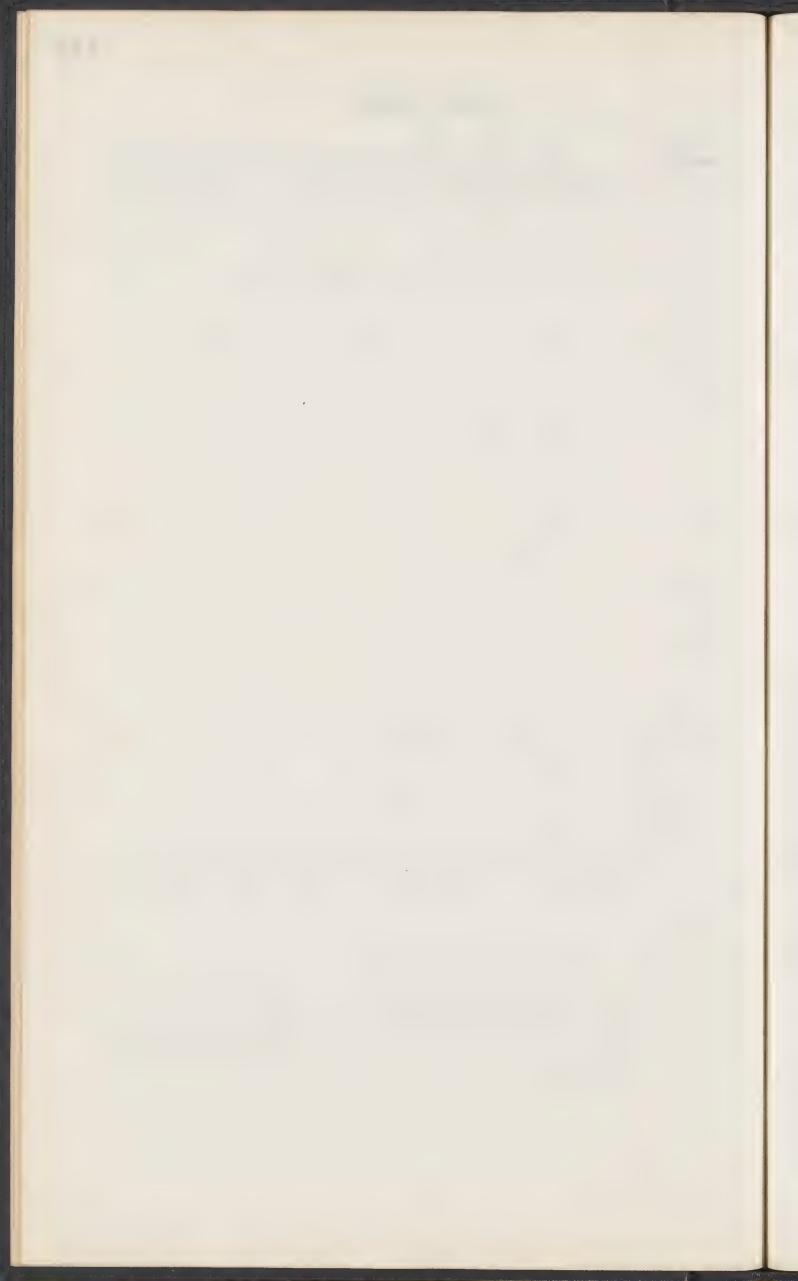
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- lite.

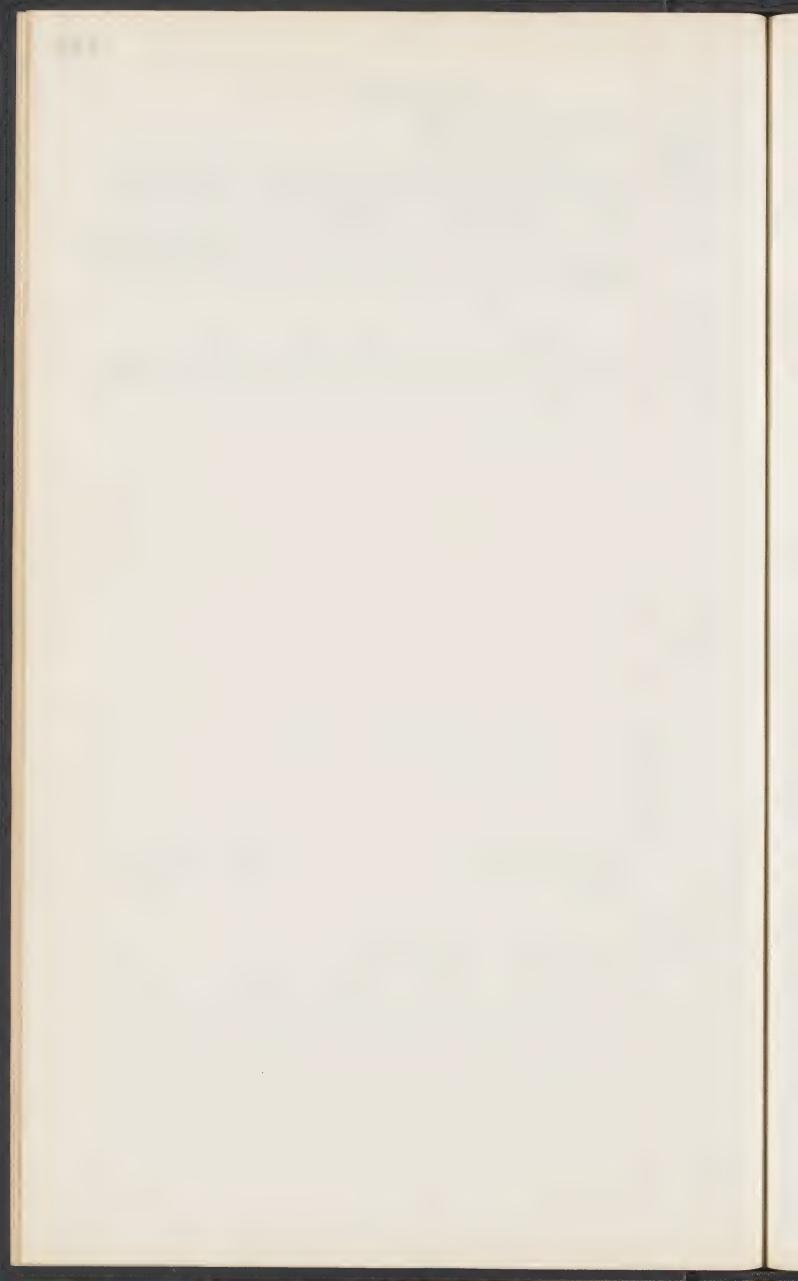
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Schonning that the following the state of th



Wilsonia pusilla.

Maine (Lake Umbagog).

1872.
June 2-5

P erhaps half a dozen specimens in log-heaps and thickets along wood edges; none seen after June 5.

1873. Aug. 23.

Shot a young female in perfect fall plumage among the alders on the banks of Cambridge River about three miles above the dam. It was in a mixed flock of Warbler and probably came from further north, although I have noticed no indications as yet, of any migration.

1879.

May 25. A single male with other Warblers in the plum orchard

27. A male in full song on a clump of firs on a hilldide pasture.

" 28.

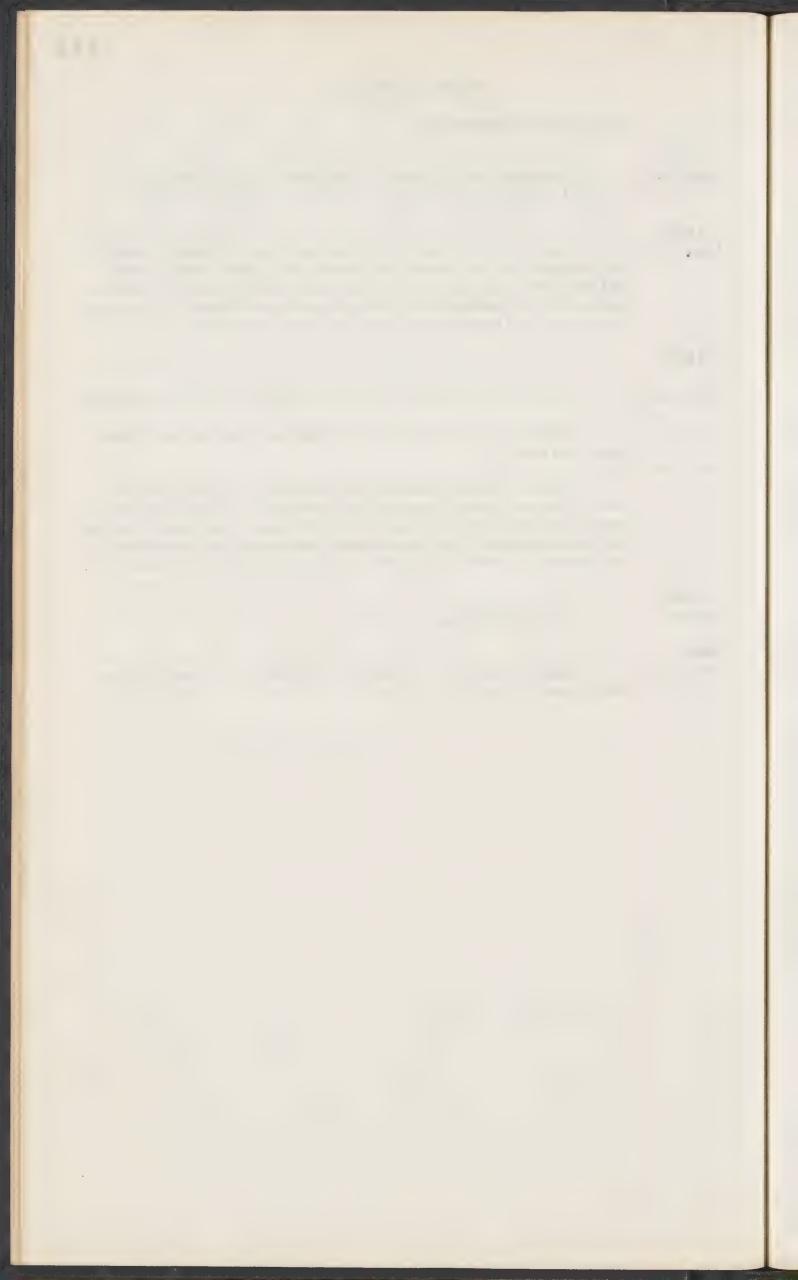
A male singing loudly and steadily in the plum orchard in the garden early this morning. The song is very like that of the Nashville Warbler, but less flowing and more abrupt, in fact almost explosive in character. It seemed to cost the bird a strong effort to produce it.

1880. May 31.

A male singing.

1881. May 21.

Shot a pair in a clump of willows, in a bog behind the house.



Wilsoni ca de sta.

"iadlos x foun , Mass.

1869.

May 20 Soveral in low busines.

" 2, Soveal.

10. . A mole.

1001.

Pay 18. One of carrier.

" 2. A talk similing in or gardon.

11/7 ..

's, b. San a number in the fillows are shot a pair.

" 30. One singling in a swamp near same; pond, Tilneoln where I heard on Jan L., L. L.

1. . .

To ol. A Linelander in Tallows, Robon.

" 2... Windo s in he Willow, Telmont.

" 2.. S. 7. FEL DEL S S ng 1.g.

" Z... Sair a. 1.

" Δ. S. JACT Polo. All had the constants πους Black-poli C. Alles been deaperated.

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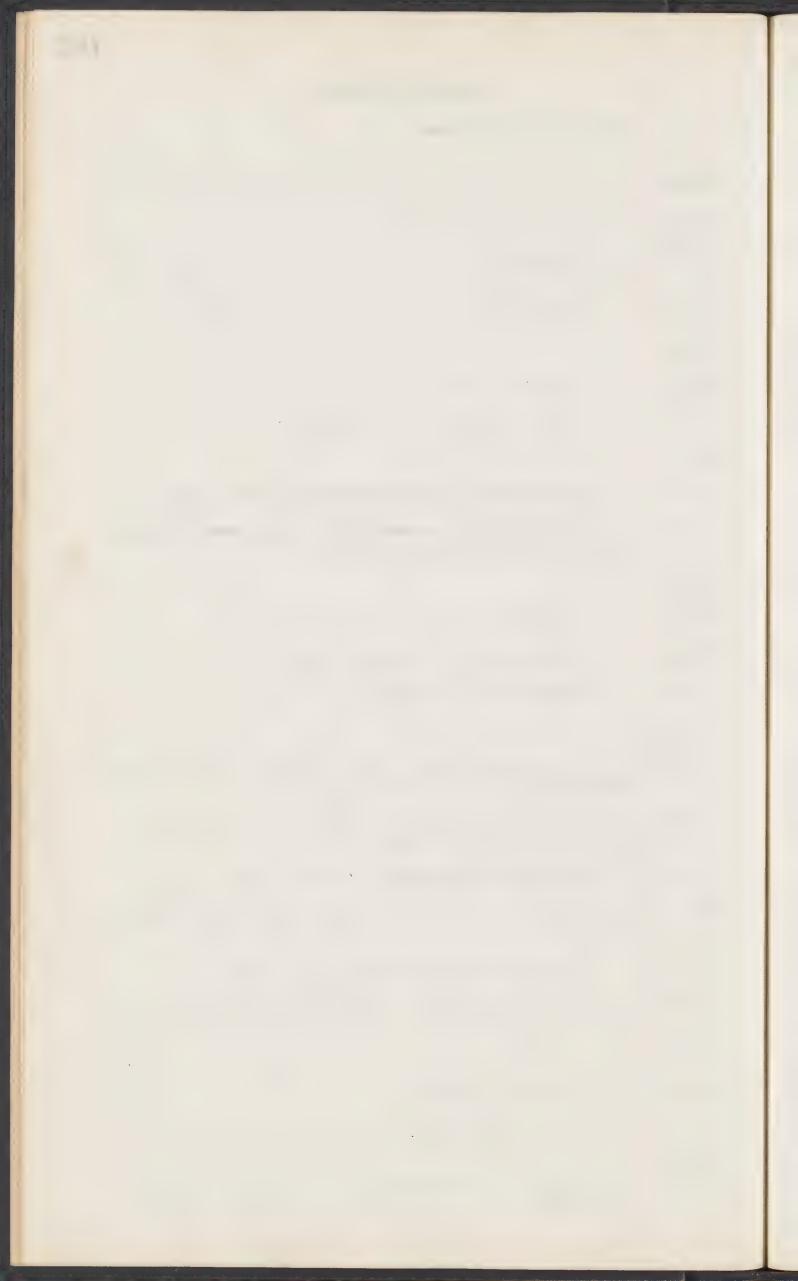
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Wilsonia canadensis.

Maine (Lake Umbagog).

1871.

June 10. Generally distributed throughout the woods but no the time of our departure.

1874.

- Aug. 3. Shot a young bird just from the nest.
 - " 13. One of the few birds singing in the woods.
 - " 29. Shot an adult male in fall plumage which is much more beautiful than that of spring. He was in full song.

1876.

June 18. A nest exquisitely concealed in a hole in the side of a steep mossy bank. The hole extending in about six inches and the entire nest over-arched by intensely green moss. Female sitting on four fresh eggs, she flew from the nest when we were within about three yards of her. Locality a moss-carpeted glade shaded by one two large trees and in the heart of the woods.

1879.

Way 24. A single male singing.

June 18. Set B-4. Incubated about eight days. Nest in a cavity excavated in a vertical wall of green moss growing on the face of the ledge and shaded by heavy timber. The female came about chirping sharply. The shell of the eggs were very hard.

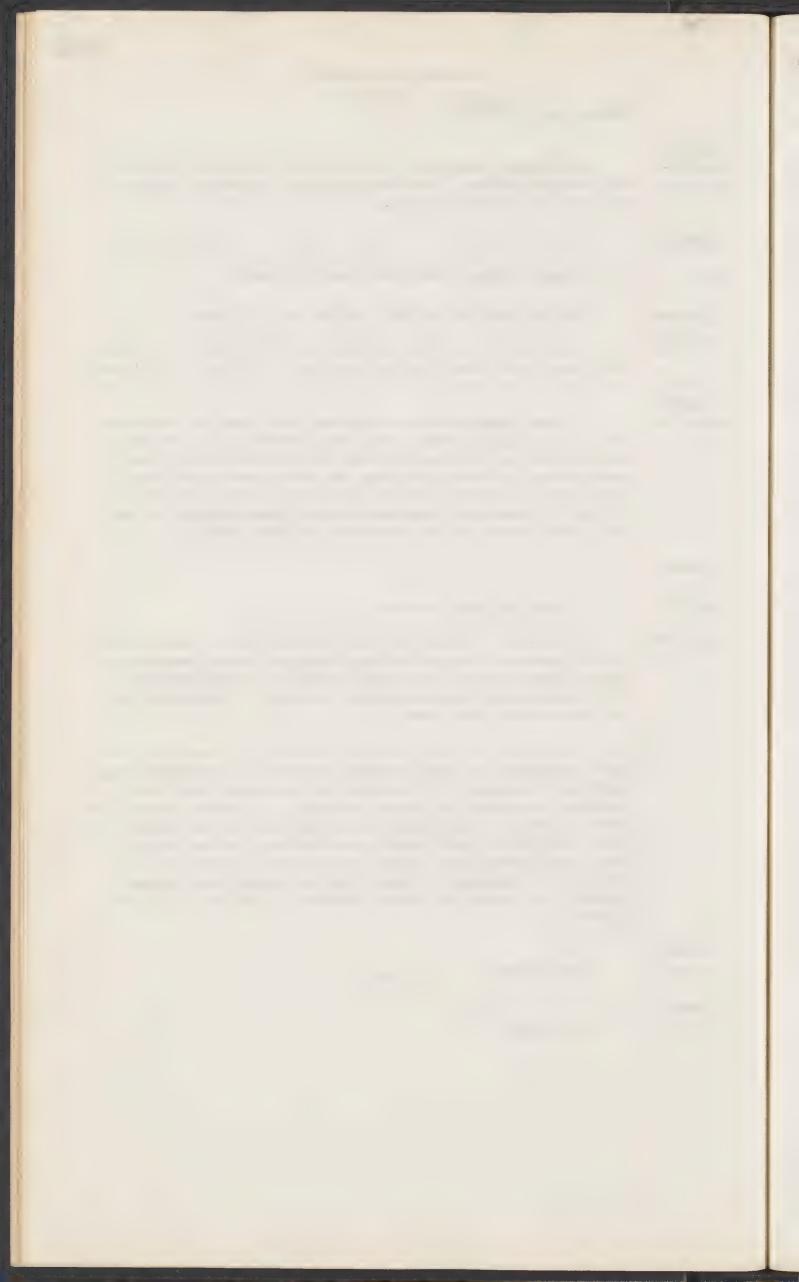
" 30. Set C-5. On the point of hatching. Nest in green moss adhereing to the vertical face of a root about four feet in diameter. I noticed the entrance hole, and looking in spied the female sitting. I stood within two feet of her for sometime; then she glided out, running over the ground with trailing wings and spread tail. For a while she was silent, returning occasionally to peer at me anxiously, then retiring among the leaves. Finally she began to chirp sharply. The male did not appear.

1880.

Way 19. Two males . The first.

1881.

May 21. Saw one.



Wilsonia canadensis.

1868.

Aug. 1. A male accompanied by numerous females and young (Profile House, N.H.).

1869.

July &

Aug.

Common, breeding. Found everywhere throughout the forest but especially in openings among the undergrowth (Glen House, N.H.).

1875

June 18. One singing between Rindge and Jaffrey, N.H.

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all produced programs and places and thereof

Set line work 1813.

The second secon Ju. 11.

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1870.

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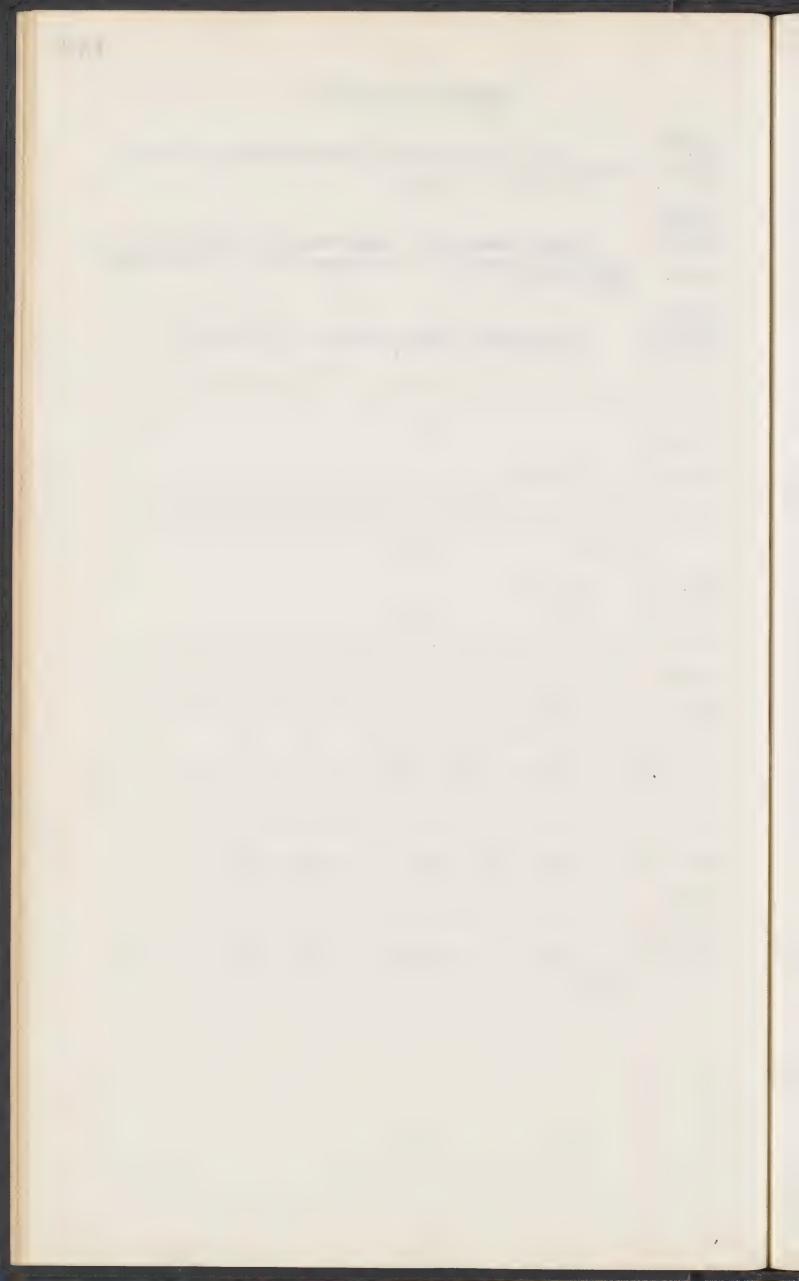
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1876.

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An and the first terms of the second 1 1 11. Land Comment Mag H.



Setophago ruticilla.

1874.

Maine (Lake Umbagog).

- Ang. 5. Shot at adult rale that was beginning to moult its wern plumage.
- " 7. Shot an adult hale charing to fall plumage (specimen in collection).

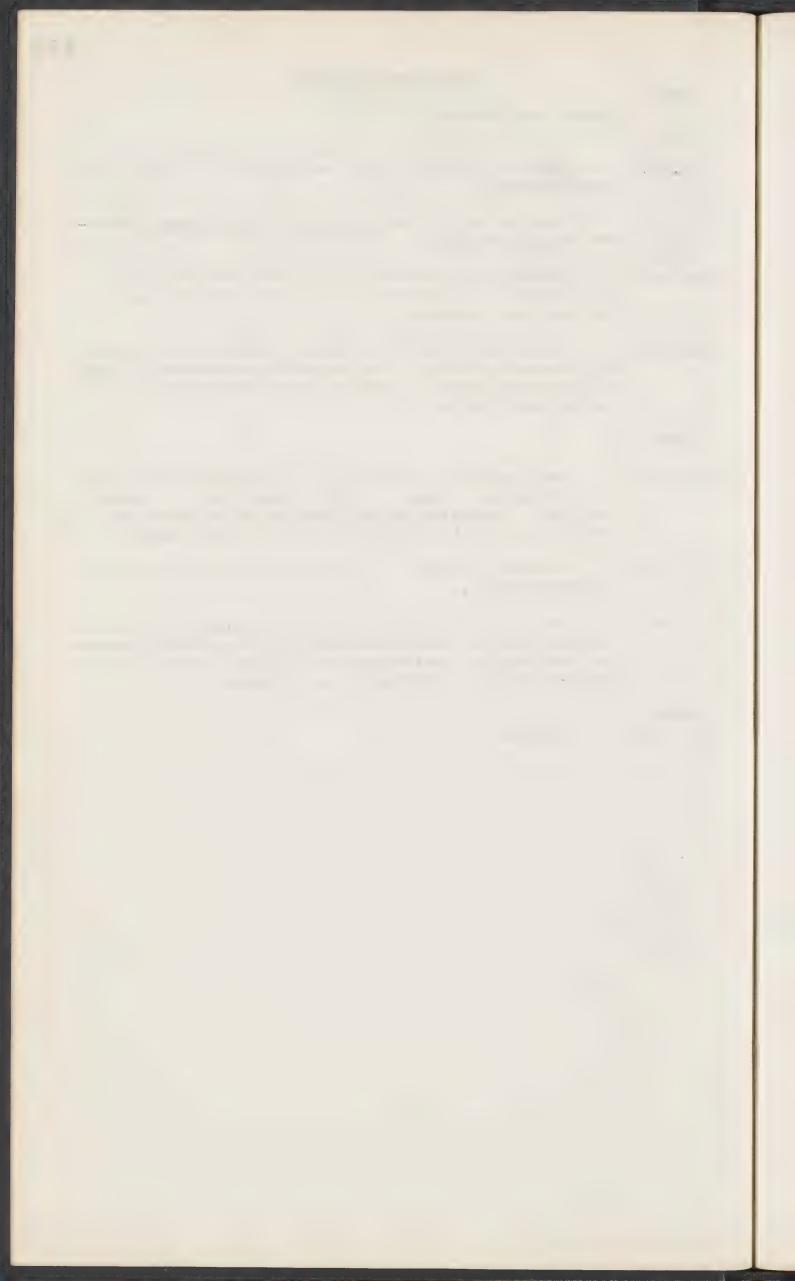
1876.

- May 31. Exceedingly constant. All the males can to be adult birds; of bundreds which have seen similar of one has been introduce.
- June 21. A lest lit four freshors. One slipped trough my filters and foll to to from date distance of fully filter foot, where four distance it lying a timely uniqued on the leafy mould.

1879.

- June 10. Rost wit four of a slightly incubated in mode some limit schick take ouse. For at a deal foot. Woodlo sittle . Buildi. Exp 28, with two energines 7 who he nost was helf filled sittle out of the eight.
 - " 14. Set G-4. Fres , lest in Term of meling, height to Meet.
- " 21. Sot M-4. I constod a out five days--fer's of aculo scaling -- lei ht five Mont-- for Mon fill air alout a proading for Miner of e-reading -- ar tail and making a great fuss--- thicket of bush meals or hillside.

1881. Way 12. Numbers.



Setophaga ruticilla.

1870.

July & Aug. Not numerous near the Profile House, New Hampshire.

1875.

Sept.24.

Two, evidently tired migrants; among stunted red cedars on Coatue Point (Nantucket).

e constant of the second of th

and the state of the same of the last tensor and the same of the s

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Middleson Con , Tass.

1887. In 17. Found that is the four fresh eggs.

10.0.

May 10. Several s news.

Ja: 13. Fondens horiosh ngs.

" 20. Found this contains for access for advisord of wards have thing.

July 1. Sill saging.

let. To some ser lets singleg.

1. . 0.

May do. Nos. Jan. 16.

Just No. Charles

luni. Pay 21. Mal - a bet her godin.

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Arg. 13.

1070 . Oc. (C.t.e. rd).

Ta, 1. Gr. . TY. L (General).

1865.
May 26. Nest-eggs (Deane).

June 23. Nest with two eggs and one of the Cow-bird.

June 21. Nest in oak; eggs four, incubated three or four days.

Vireo olivaceus.

Maine (Lake Umbagog).

1873.

Aug. 23. The males still sing occasionally.

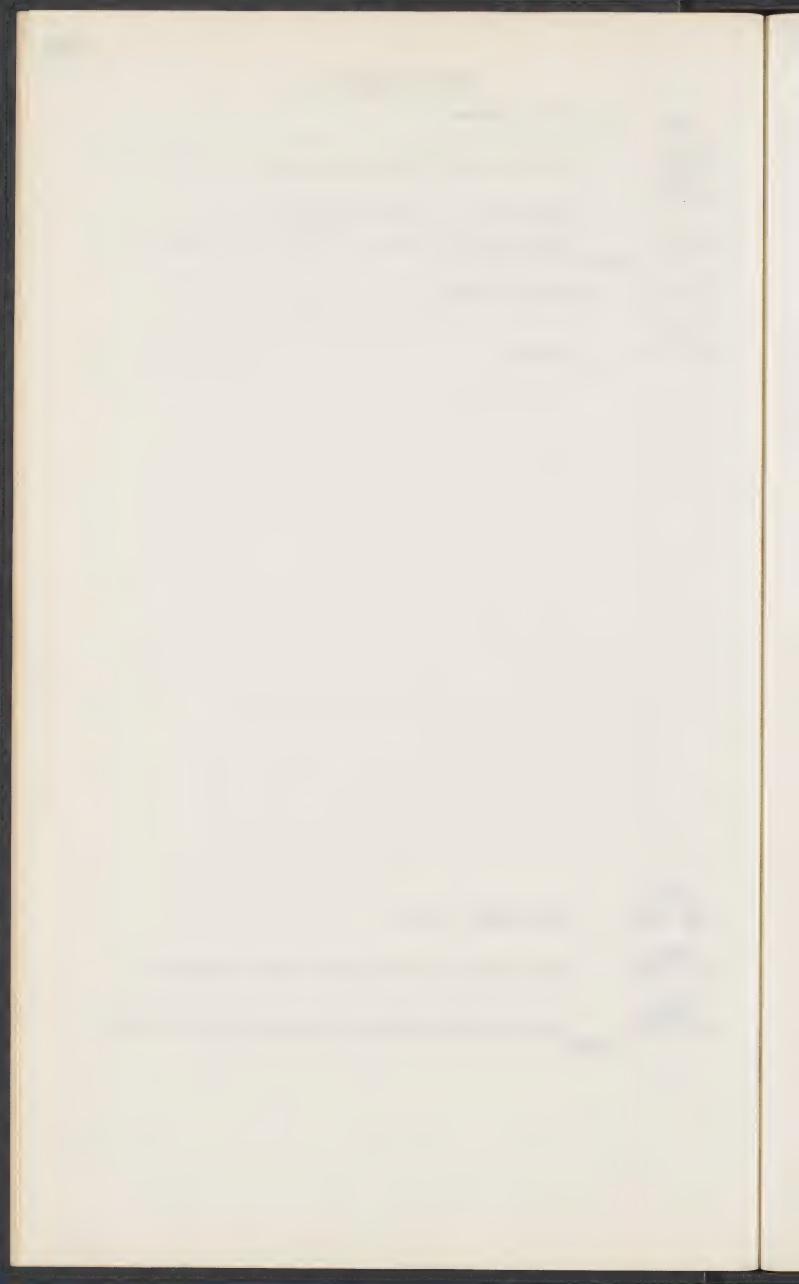
1879.

May 28. Several males singing the first I have heard. I shot one in the act.

June 12. Two nests building.

1880.

May 20. Several.



Vireo olivaceus.

1868.

Aug. 7. Several singing near the Profile House, N.H.

1869.

July & Aug.

Common breeding near the Glen House, N.H.

1870.

July &

Aug. Abundant (Profile House, N.H.).

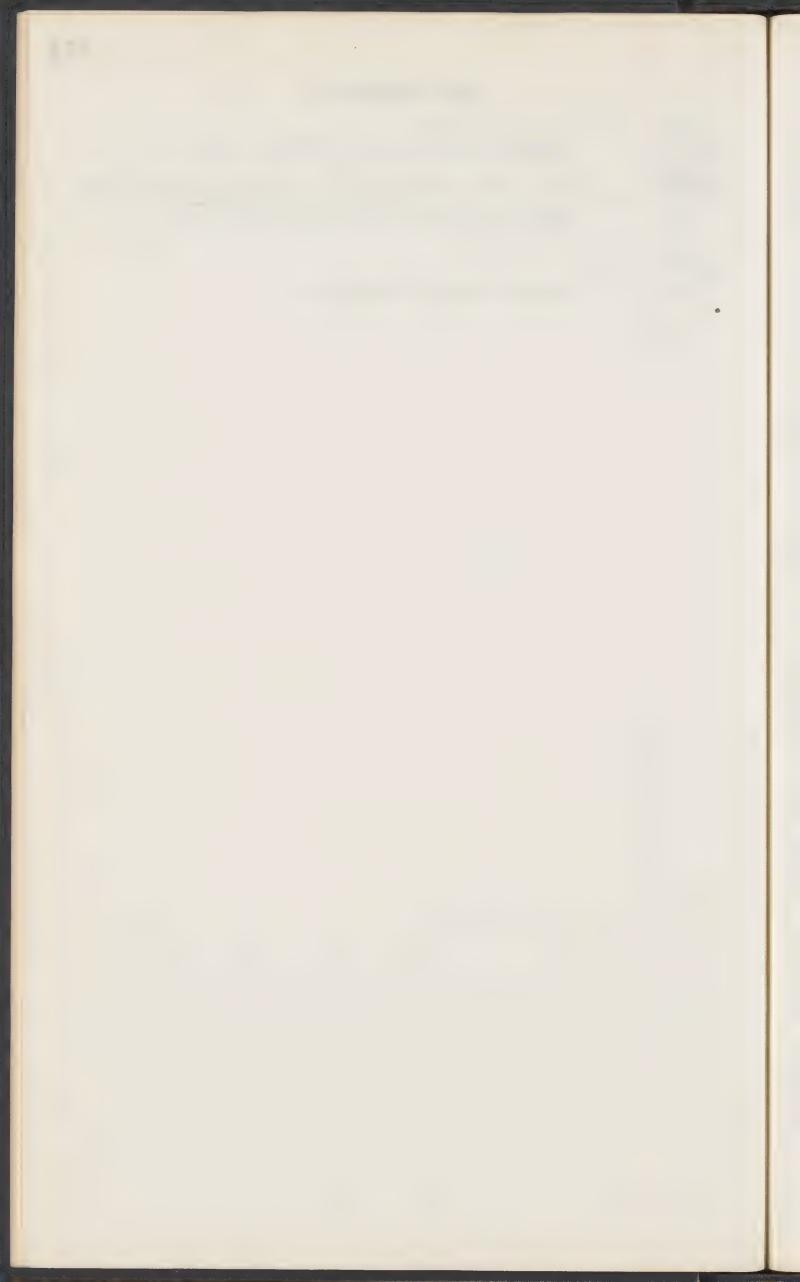
•

Verso andream, dies.

Mecdlos x do h ; l'ass

1875. Seps. 7.

Shot a young female in fall plurage in a willow near Fresh fond. It was a company with two Red-ered Vireos.



Maine (Lake Umbagog.

1872.

June 3-5

Three specimens taken. The first June 3, the second June 4, the third June 5. The first was shot in the top of a tall beech; the second in a thicket of firs; the third in a small birch surrounded by firs. All three specimens were females. We thought that one of them uttored a faint war ler-like chirp, but otherwise they were perfectly silent.

1874.

- Au. 29. Three shot on the Tyler Path. They were in a nixed flock of Warblers, Titmice, etc. in low second growth birch and maple. They were very tame, perfectly silent, and more active in motions that the other Tiros, quite as much so indeed as any of the Warblers. Two of them when picked up still held in their bills large green caterpillars. All were males and one I think an adult.
 - " 31. Sho, a your female is the sine class where those were takes the 29th.
- Sept.11. Shot one in perfect fall plumage; it was in the top of a line breen in a large mixed flock.

1876.

- May 29. Shot a male among small wild cherry trees on the edge of the woods. It kept low down and was silent.
 - " 31. Two specimens killed.
- A (iroo heard singing to-day was probably of this species, its song was most like that of the Red-eyed but becomizedly distinct an emphatic whit-tu-whit coming is at regular intervals among the more produce to the bird and am sure that it was smaller than a mod-eye but Tailed to secure it.

1879.

Tay 27.

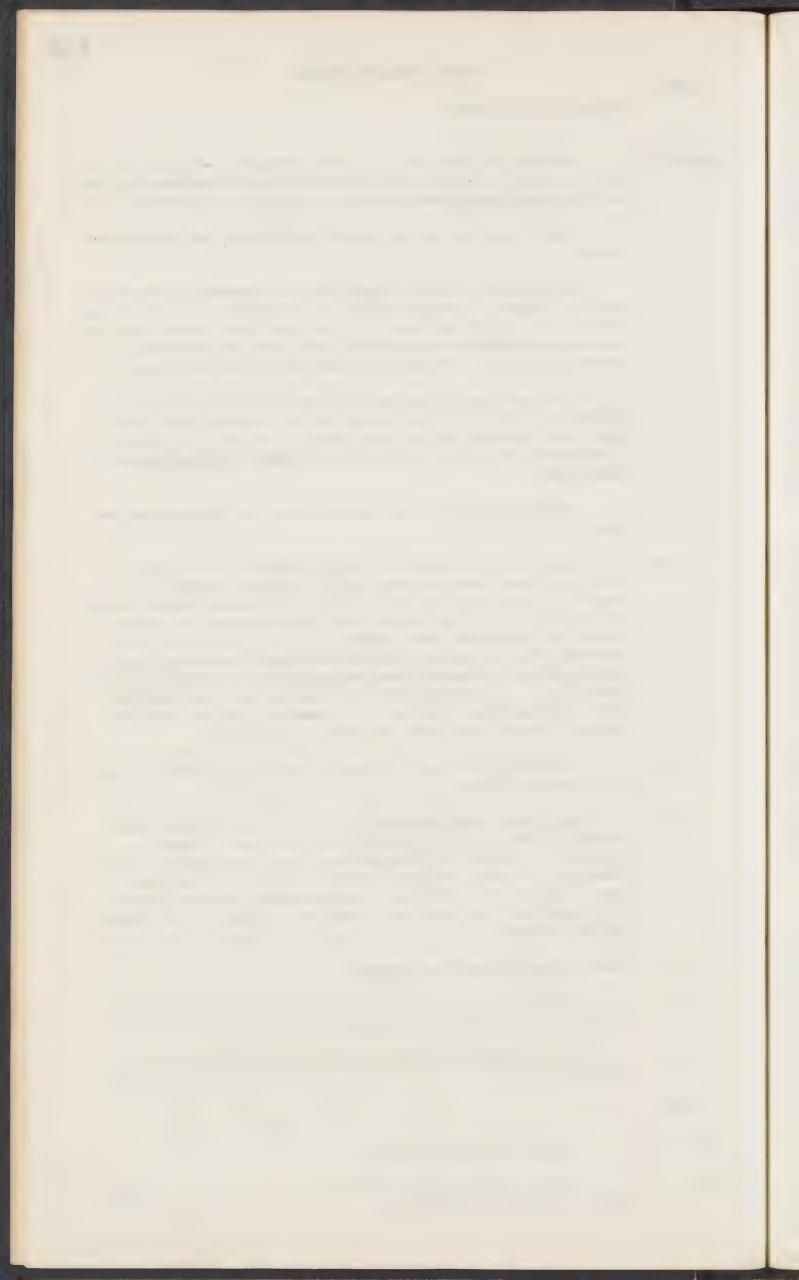
Shot a princy ideally rated — Therefore some they were in a isolated cedar in the bom behind the barn. Shortly alterwards they flow to a birelinear the bouse, the female closely following her mate both in wing and such a the brackets. The male has not first when the female descended to him slowly hopping from twig to twig and looking down with evident solicitude. I heard only two notes, a soft tender pseud, similar to that of the Red-eyed Vireo when mating, and a harsh, petulent cry exactly like that of the Warbling lineo. This species is scarce distinguishable in motion and appearance when in the trees from Vireo gilvus

Vireo philadelphicus.

- 1879.
- Maine (Lake Umbagog).
- (June 5) Identified the song of this species to-day by shooting the bird in the act. The song is very close to that of <u>Vireo olivaceus</u> but some of the notes are feebler.
 - " 6. Heard single at the lower settle not on the lower lower.
- " 9. In an open grove of poplars and birches in front of the Dix House, Dixville Notch, I watched a pair of these Vireos for nearly an hour. They kept very near together the male singing at intervals (his song as previously noted at Upton). They were apparently not nesting.
- " 10. The prir noted yesterder care close to read pix

 House this verying; although it was rained and to all same a perfolly at intermits. It votion these vireos are indistinguis able from Vireo olivaceous and Ingilyus.
- " 11. One sin in the cost-le li or Cambridge Ri-
- "13. One six is the cost of the invest trees. The one of the interest of a first pollow birch at least of it. Thet have been a round where the branches where the branches where the branches where the branches was a least of it. The tracks the fierce wind that flouted the leases were lessed by the fierce wind that flouted the leases in swayed the wole tree-top, yet the bird rangly ceased his notes when the fiercest gusts swept by. I can now readily distinguish the song of this species from that of the Red-eye; it is feebler, higher picked, and fore of flow as smoothly.
- " 19. I know of two pairs bradic it it mile or two of the Take Todge.
- Two males singing—one in birches bordering (combridge River above the mill, the other on B Point.

 I can now readily distinguish the song from that of the Red—eye. It has two high notes followed by two lower ones. There are, however, occasionally in the relations ideal local to the body pitch with some of the otes of the Red—eye.
- " 22. Male single pear to louse.
- " 23. Thoroughly identified a rolle willow in the Lake House garden.
- A male singing at Newry about five miles north of Bethel.
 - 1880.
- May 31. Heard and saw secoral.
- June 3. Three males singing yesterday; the song is slower than that of <u>V.olivaceous</u>.

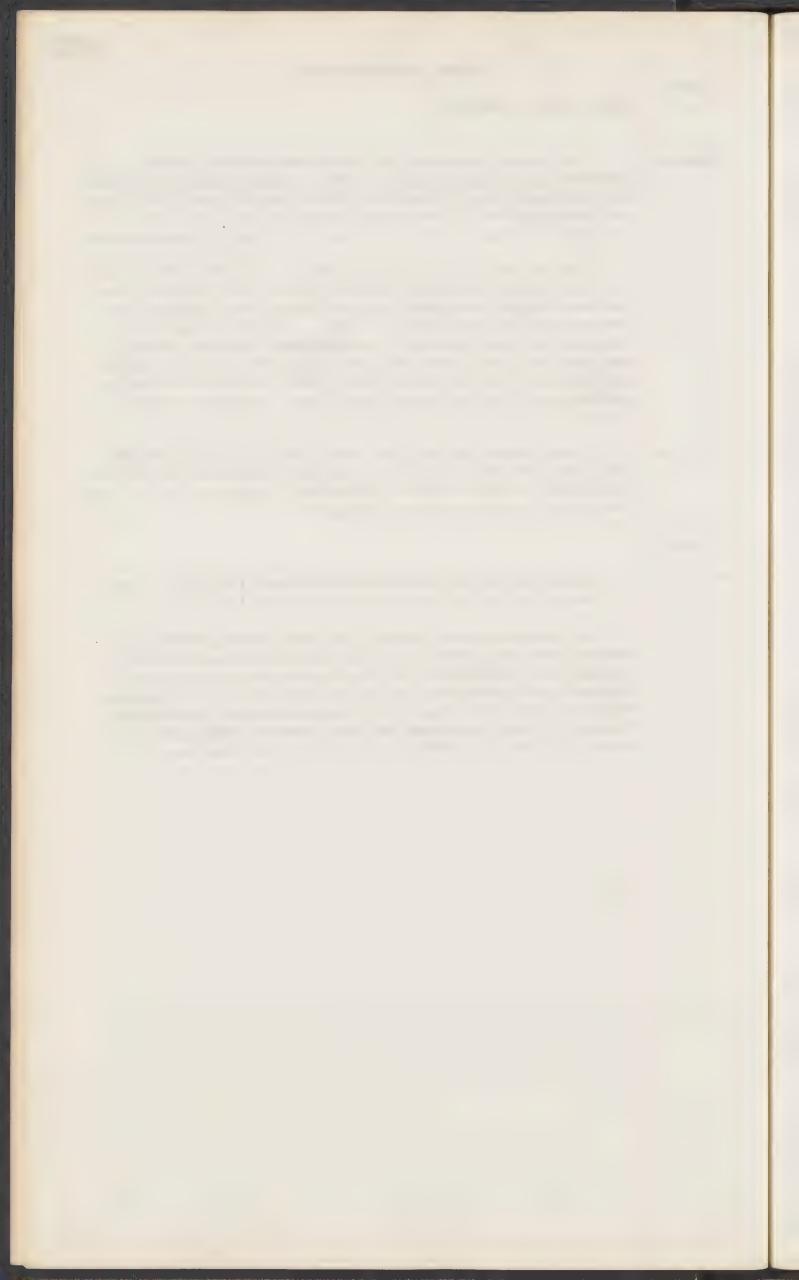


Taine (Lako mbasog).

- (June 16) One sings resultely is a secrew strip of paper birches borderis to a labe score; if got within six feet of him to-day as he was among some low willows. In formor descriptions of the source accurate. If heard a new some for-day, a low till like that of <u>viroe il ma</u>.
 - ing, the other near the Sargent cove. The former flaw; he was simple it a small paper birch, and I stood for sometime within the feet of him. I a main leard the which in note and carefully criticized the sound left can now tell with absolute community from the of Tiroo olivaceous; it is slower, with less volume, and has a peculiar double syllables note which is always repeated twice.
- " 18. Whe heard one simple deally in the some orders the last two weeks in a belt of your birelest depoplers cordering the lake shore. Searched every tree to-day for the test but could not find it.

1881.

- May 19. Shot a male is a small popt repart of Middle Dam. It was in a flow of Frulers and was sile.
 - " 20. A union st. it slo. The Conry road between Richardson Lake and Umbagog. The open second-growth of poplar and birch over the hurset lands along this tract is peculiarly well-suited to the habits of this species which is evidently much normal here than about Upton. I saw a number of old fireo's tests low down, some of which doubtless alonged to this species.



Vireo gilvus.

"iddlesex domn, Mass.

1806,

J. no 12. Mest with four was.

1867.

May 27. | Saw a pair building.

June 5. Nest found with two fresh eggs.

1868.

May 10. Heard one singing in the top of a high linden tree.

July 14. Males still sir ing.

Aug. 9. A male singing.

Sept.13. An adult male singing to-day.

1869.

May 12. Several males this morning.

* 27. West in process of building.

June 7. West in oak on edge of woods, five fresh eggs.

1870.

May 13. Soveral males.

10/1.

Mar 9. A male.

May 11. Abundant.

1875

May 11. Numbers.

Aug. 13. After an interval of silence they have begun to sing again.

1876.

May 9. One singing (Cambridge).

1874.

Sept.25. For the past three days a male has sung for half an hour or more every morning in the alms in front of the Court House at Concord.

e . . .

Maine (Lake Unba o).

1880. Hay 14. Several at lotiol.

1881.

May 11. Numbers at othel.



Vireo gilvus.

1875.

June 19. this trip. Singing in Townsend, not heard elsewhere during

· · · The state of the s

Vireo flavifrons.

1886.

Middlesex County, Mass.

Way 15. Saw one building.

" 28. Nest with one egg.

1867.

May 25. Saw one building.

June 3. Nest found with one fresh egg.

1868.

May 9. Two males

" 28. A male building its nest.

July 13. The male still singing freely.

Aug. 9. The males in full song.

Sept. 6. An adult male in full song.

1869.

May 8. Several males singing.

1870.

May 13. Several males.

" 30. Nest in an oak grove, with four fres . . .gs.

1871.

May 1. One male.

" 15. Abundant.

1875.

May 11. Numbers.

Aug. 13. After an interval of silence they bear and of sing

" 28. Singing everywhere in Watertown. I's no s seemed to me sweeter and more expressive than the are arlier

... spason.

Sept.11. In full song in the Pine Swamp. Is at this composes a compass and sweetness le spring. Published the clear September air may averaged, the land inger to the performer.

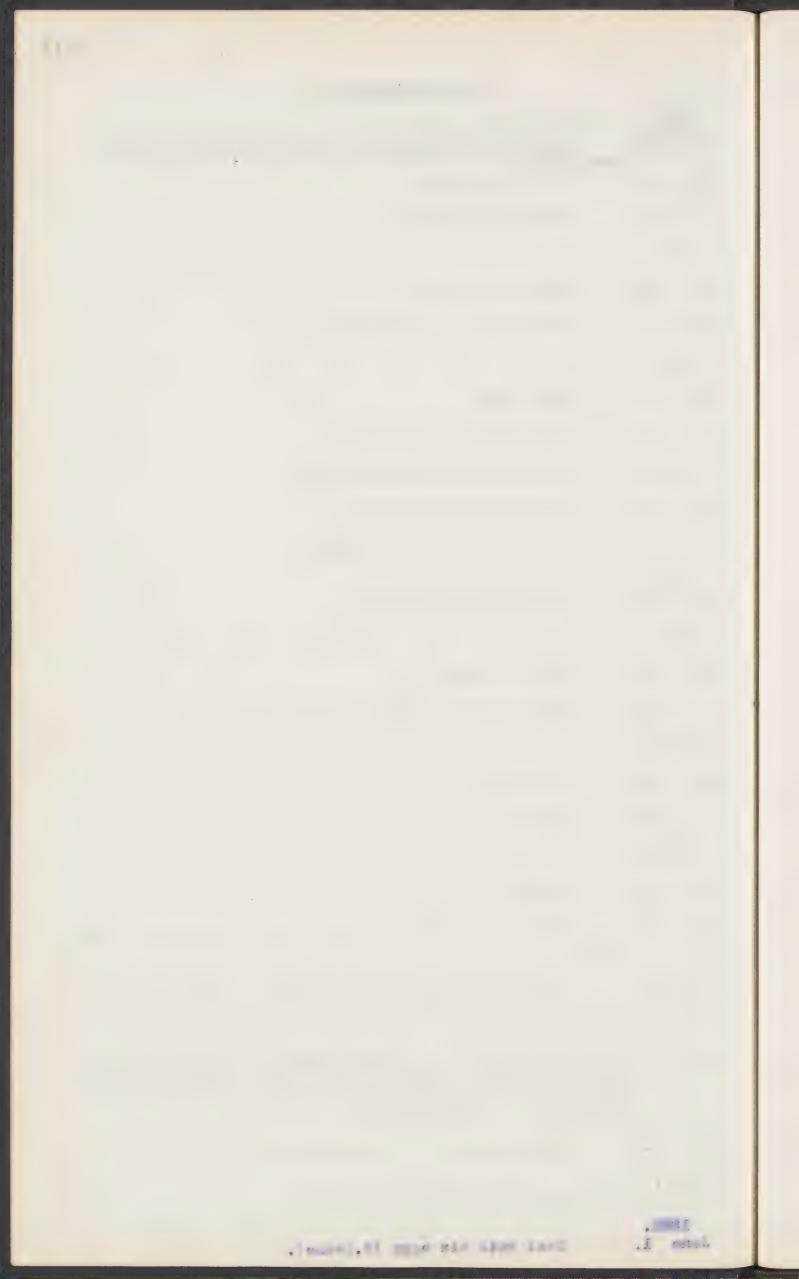
" 18. Have seem none for several days.

1876.

Numbers singing in Carbridge.

1865. June 1.

Nest with six eggs (R.Deane).



Vireo flavifrons.

1882. July 2.

A male singing at Poland Springs, Maine was the only one noted during a drive from Portland to Bethel.

The top an easy opposite the fet or school the proVireo solitarius.

Middlesex Conn , Mass.

1887.

Jun 24. Saw one building.

1308.

May 9. Savaral moles singing.

June 29. A pair on he border of Spot Pond in Stockham, the female following to make through the relocks, challed into like a Yellow-throated throat The make retored a noise exactly like the creeking of a theel-barrow; his song was touit, touc, tue-touc.

Heard a male singing in an olm in Andover.

1869.

" 17.

May 1. A male singing.

1870.

Apr. 26. A male.

Sept.28. One, the last.

1871.

Apr. 32. A male singing (Concord).

Sept.23. One, the last.

1175.

June 21.

Visited he nest found fune 11 in the woods bordering Sandy fond; it is hung in a fork of the topmost
twig in a write pine sapling about five feet high.
On the 11th to rade was at work building it, and to-day,
to my surprise, he was sitting on the ladwost
toughed him before to marked off. To alighted it an
oak market mine at once by a comparison dring no time occuing his craim without intermission dring no time occupied in packing the market before a compared and left
and ds. I did not too to the compared of the is
occusion alt on his sie was with the rich occurred his
huse of these was at work building to the light.

" 26. A a.s. is a sile of the 15, a Welson or and long and in the form of the tree.

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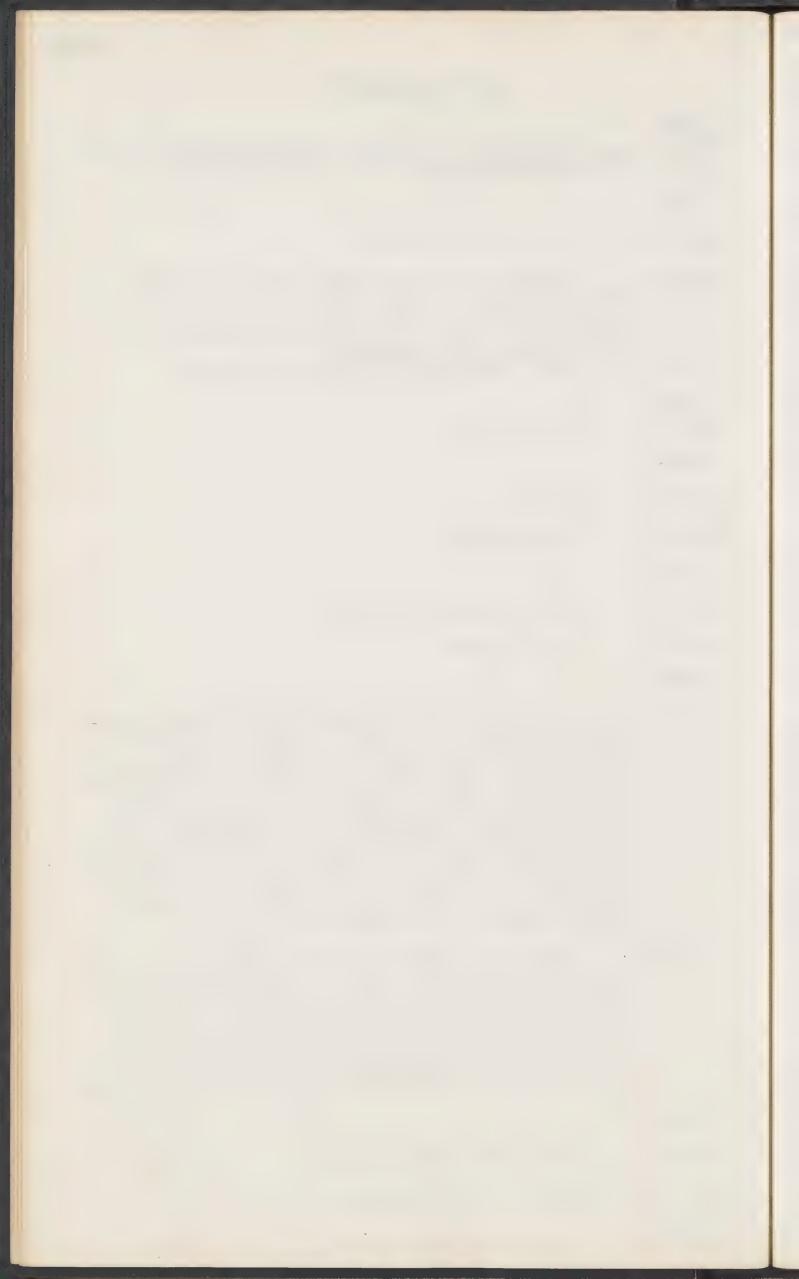
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The is a sile of the s

187.

Apr. 2. A line (Bine da).

12. Compact of the Fig.

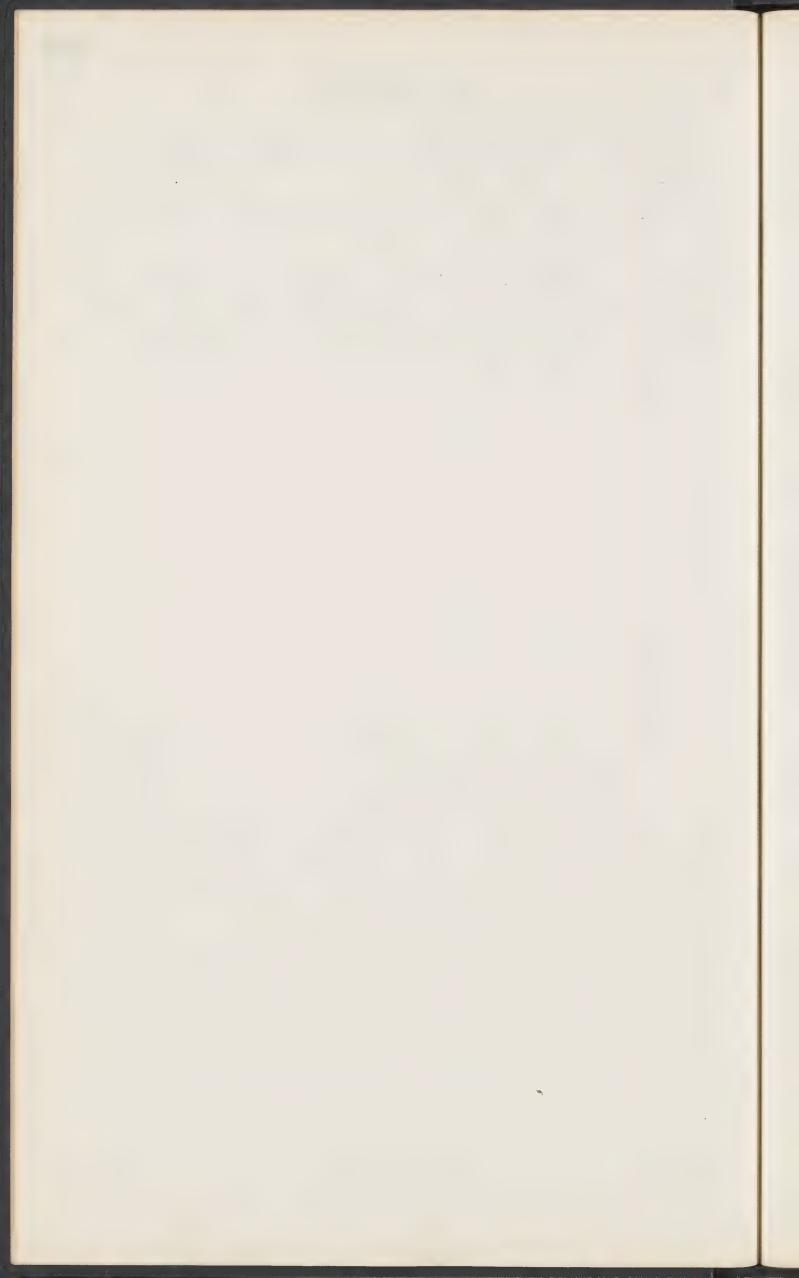


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0e . . . Oiab Gard).



Vireo solitarius.

Maine (Lake Umbagog).

1873.

Aug. 23. The rales still sing occasionally.

1879.

June 19. This bird has increased appreciably since 1876. I know of at least six pairs wit i. . mile of the Lake House.

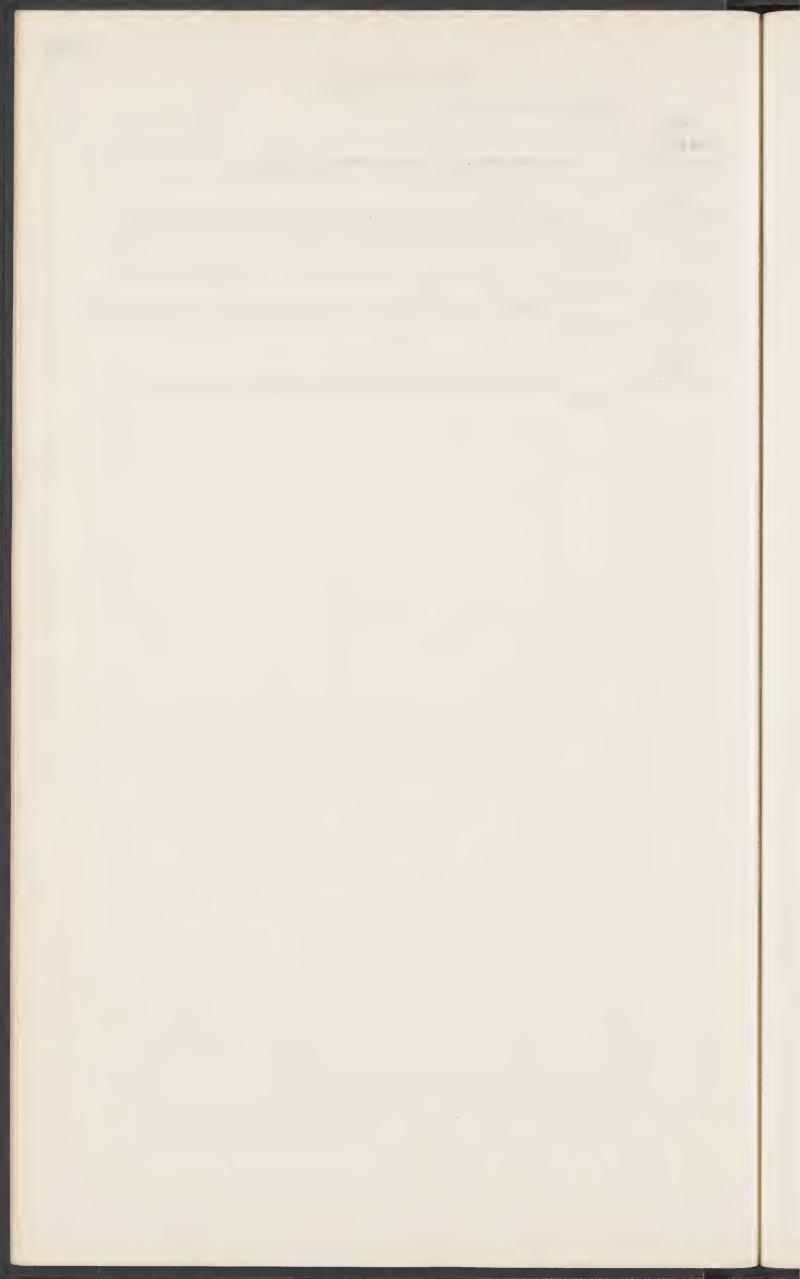
1881.

May 14. An adult male singing in old-growth birch and beech

woods.

1882, Oct.8-22.

A male heard during October 9 was the only one oted.



Vireo solitarius.

1869. Auly &

Aug.

Extremely common near the Glen House, N.M. They were in full song during my stay although the young were already on wing.

1870.

Aug. --

Saw only two or three near the Profile Mouse, N.H., a remarkable fact considering their abundance at the Glen House last season.

1875. June 17.

One at Mt. Waushusett.

war pewer sir di

Vireo noveboracensis.

Widdlesex Co 1. , Pass.

18 4.

May 29. Saw a pair building; the nest contained four eggs

1868.

May 4. Male singing

Coly 10. Samuel notes singing,

Sopiels. A compressing the processing seem only lits to many.

10,00

"a. l.. A red singing.

Jus 3. Nost on high providence: lead with the fresh oggs. The rest was a method of slinder ald charge d.

1875.

'lay 13. O. . . (B.).

Jale. A second of second of the second of th

Spiels Stoke . This samp.

" II. In f II contain Pin F Co.

1876.

May 11. On (Prose P ad (Prose).

1861

Sept.23. A male in to Pino Starp slating as a radil and cheerfully as in spring. The song as: ship, chertype-chap; elip, chertype.

" 3". One summing a smally in a swampy liebe in vilton.

1865. June 1.

Took a nest with four fresh eggs on the top of Town Hall, Ipswich. Nest very deep, attached to slender twigs of wild cherry, about three feet above the ground.

, J,

Call o boroalis.

Modina x Games Miss.

1., 0.

1. . . .

Mor. Do.

Service. While the Carrest of Kinelly and the control of the control of

Nov. 28. On ..

D. . . 3. T./O.

" 25. One, an old white bird, very tame.

" 31. On the session place as that seed on he 20th.

1870

Jun. 3. On ..

" 8. The same bird some in the place as January .

" 13. A remarkably white individual, ox rooly shy.

Fob. G. Saw one cake the drop cast later the Trop Sparrows.

Mar. 10. Shot male. He was very neglected continually flying down to the doing and hear to o he next tree. His stomach contained only insects.

ously. One of ephone between of an oak, singing vigor-ously. Otes few but sweet. The wole song like

Doc. 26. One.

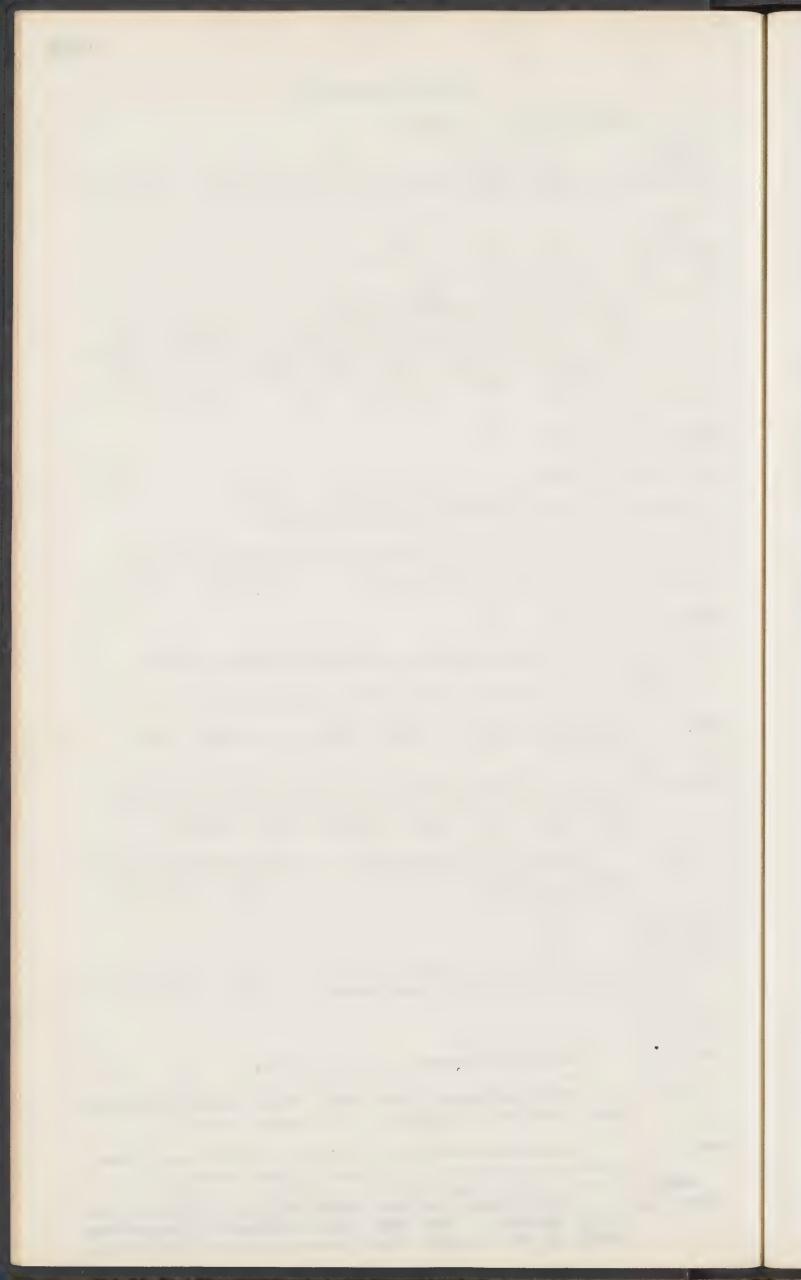
is garage without cosistance.

16.1.

Jan. 16. On on the top lost the old old.

" 12. One of delivations, The shift swift and week-

Mar. 7. One flying from post of post of the longe, from quantity alignation on the count of the design it



Mi 1 - 1 00 1 , Mass.

(Mar. L.,) O. J. L. Cone C. Et . I. M. T. S. Ess.

Oc. Zo. A half at Constate codes of one of the code of a code of the code of t

10.00

Fig. 0. Oid in the second second hieles of hieles of large of hieles of large of lar

Luti.

John Mill Andrews, the last of all, for described the last of a second s

Fig. 1. Question of the second of the second

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June 15.

June 15. Coll Panch; Colo volume 15. Colo volume 15.

Fig. (2). Λ (2). Λ (3). Λ (3).

Nov. 29. A 700 5002 10 50 2 (3 64.).

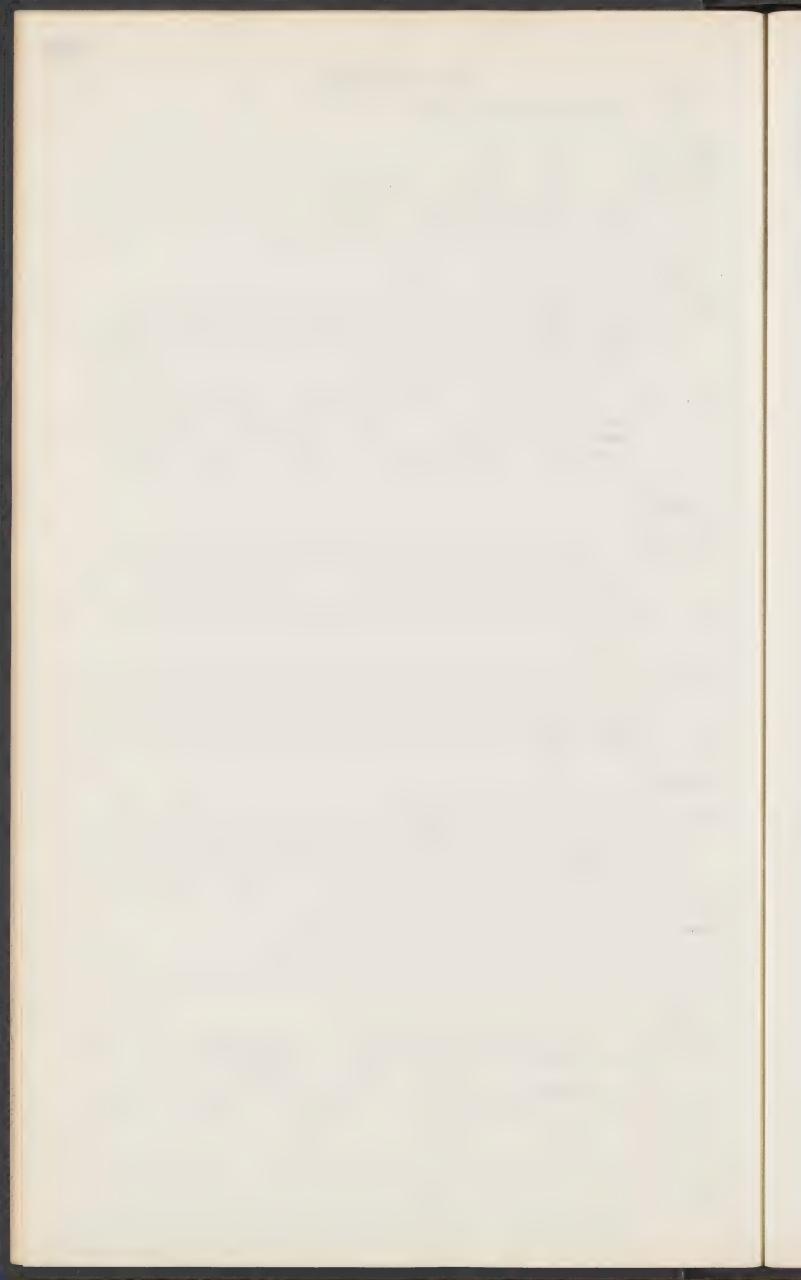
Die. 10. One on the control Pine Swip.

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" Day a . Concord)

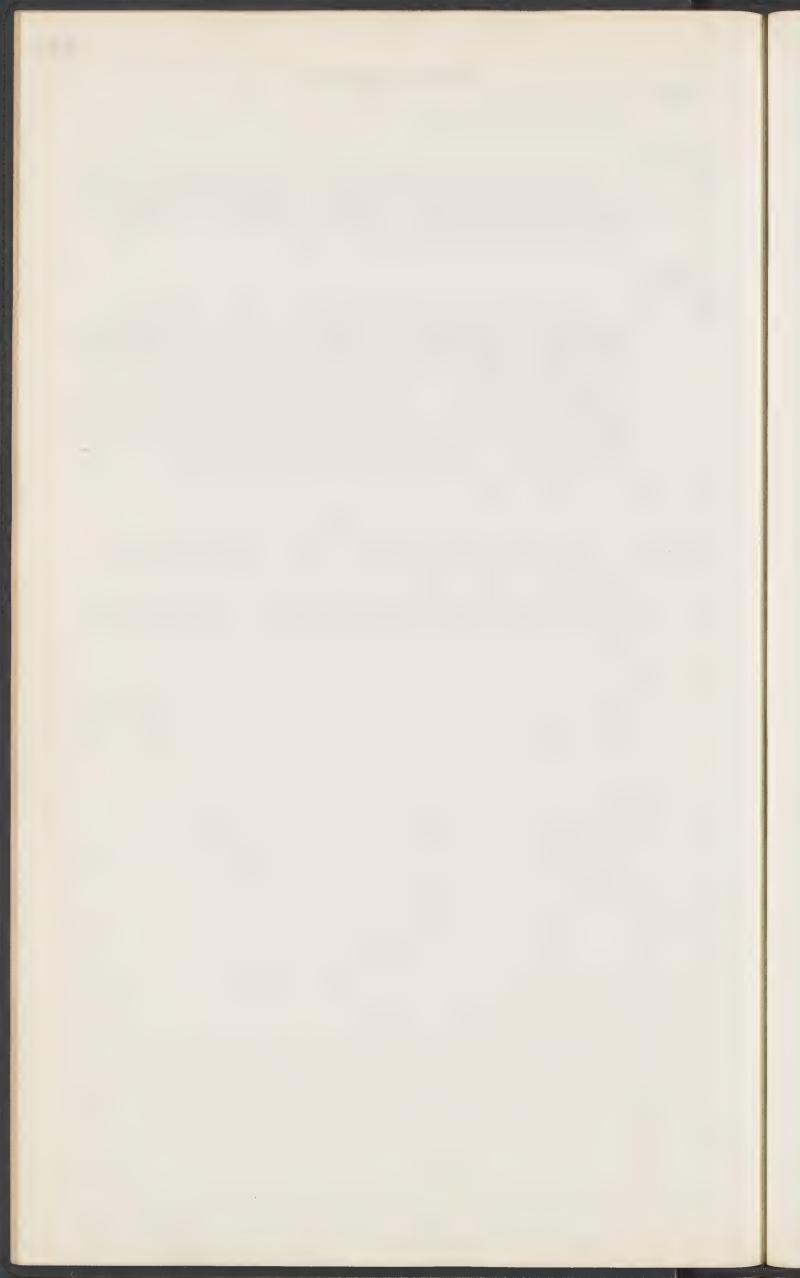
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Middlesex County, Mass.

- (Nov. No.). Figure All 1 No. in the original some passes a mesh of some flocation for more shocked in Walliam.

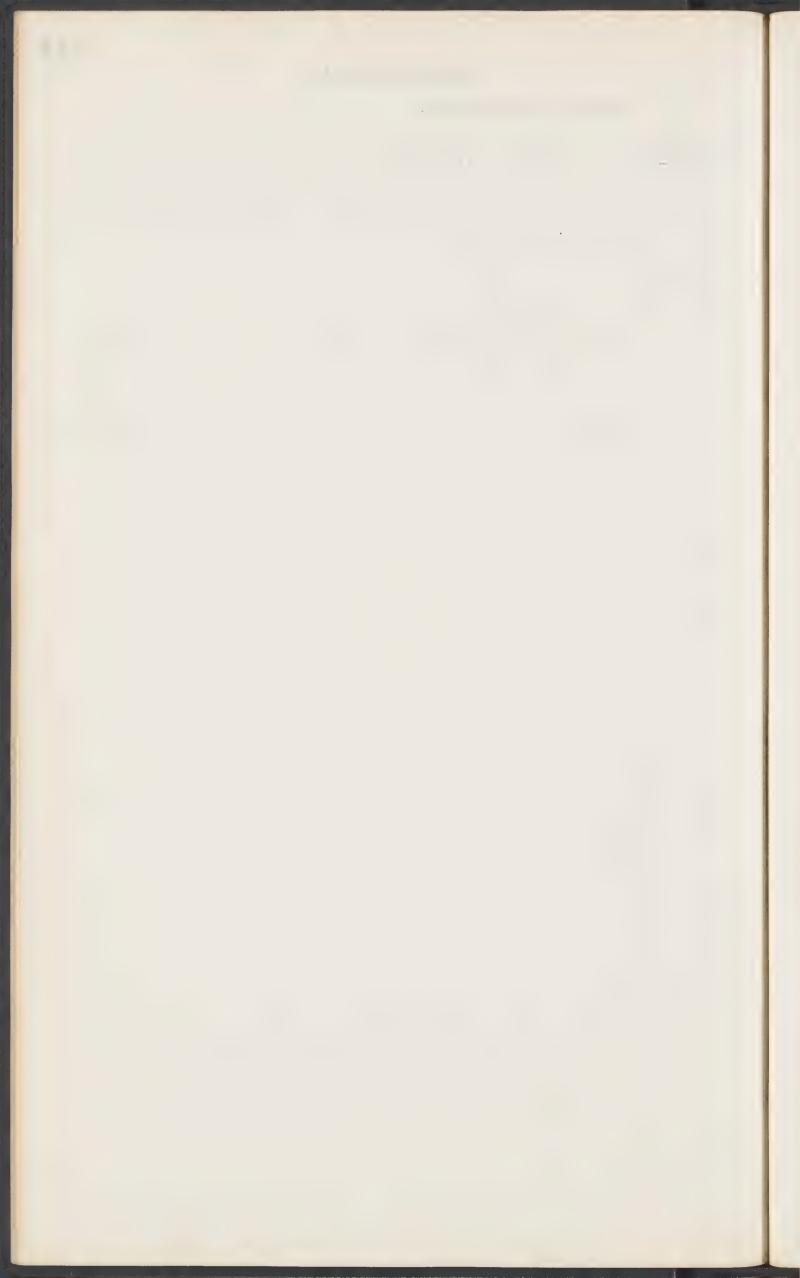
 About twenty-five very college of tops of in a small orchard move, then in compare and florage as lessly from tree to bree.
 - 1 .. 0.
- Mr. W. One in Belmon, silling on the openosis wig of a hickory by the roadside, singled loadly of the of the Mohin and Prove Thanh. In the series of deliverally most easy the blue of the hickory of the office of the open of the first law of the high law of the best of the open of the high law of the open of the open
 - The stomach of the female which I skinned to-day contained to remains of a mouse.
- Oct. 20. One in Willows in company with Blue Jays on the banks of do.com liver.



Maine (Lake Umbagog).

1882.

Oet.8-22 Two shot October 21.



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" 31.

Since Council Community of the Community od R - Alan in a way was a way T A (John C) I van de segande strate de la companya d a winer. The Tard of the terms of the no else worde to a tree Loggor ord Stocker. While I constitute is wird what live from a armove was in roo end in calls cago. The Shrike mendicaldeals quot blos on it bestor mental knocking is a la flor there he punced to findly, scopping is noch in als powerful bord. Aller aron, . o or , he released his sold, that to partrow fir the off, appare. Ly whart. Purtue has regulador of time it came and in a cago he regarded it will apparent ind. I mee. As he had earn wo birds a eviously that deg (one diven to him alive) lack of the le was probably no cause of all apa ty on "is occes on. In the assail: jus described he made no se a clevic of a ler for or claws.



Ampelis cedrorum.

1865.

Middlesex County, Mass.

- Feb. 3. Large flocks about Cambridge all day. Towards night they flew off towards the north-west. They continued about Cambridge in large flocks for several days and in Watertown remained in immense flocks until late in the spring.
- June 3. Nest with one egg (R.Deane).

1866.

Mar. 1. During a brisk snow-aquall the members of a large flock of these birds, perched in the upper branches of an elm, were amusing themselves by hawking after snew-flakes, darting out into the air after them in precisely the manner in which they pursue and catch insects in August.

1875.

- Mar. 22. A fleck of thirteen near the Arsenal. I shot ten of them not one of which had any wax-spots.
 - " 29. A small flock in Watertown.

AM SLE FOR . , 1 tidleses ounty, --a fine as first of the first of ·5 .d. trued a of Case it as the case to a bour t to the same of the .g.fraet . 8 4 E % . (coll.) y do diti 'ae'll 1 50 4 Dunking . brink : put uall br into c .1.7 2 : g : s: beds og id ese ? To Men 1 re redroit o gait ab aoste r to the second to the second to . I make laks. A file before the second of th .r. 28. and the state of t . . . a see for the first

Middlesex Cour. , Mass .

1866.

June 5. Nest with one egg.

1867.

May 29. Saw several building.

June 10. Nest found with one egg. From.

1868.

Feb. 12. Three on our hawthorn tree feeding greedil, on its berries.

" 25. About fifty feeding on the berries of a red codar. While thus engaged many were poising in air over the tralike so many furming birds.

Mar. 8. Saw a flock of nine.

* 14. Shot two. One had wax spots, the wings of each other were plain. They were alone and kept together.
When one was shot the survivor should exident so grow for the loss of its companion.

They now frequentl the shores of Fresh Pend perchir; on the overhanging trees, and on ice he ses. They collect there in such numbers, especially in a cloudy ay, that as many as thirty may be of a see in the air at once, darting about after insects, that others are sitting on the trees around. With he reparatoris ice greadiness they glut themselves with meets, until their crops are filled alloss to burstin.

Spt.24. They are frequentl disitors to a long wild clearly tree on our place which prosent is comed with fruit.

1869.

Fib. 21. A flock was see: to-; w (Dir.).

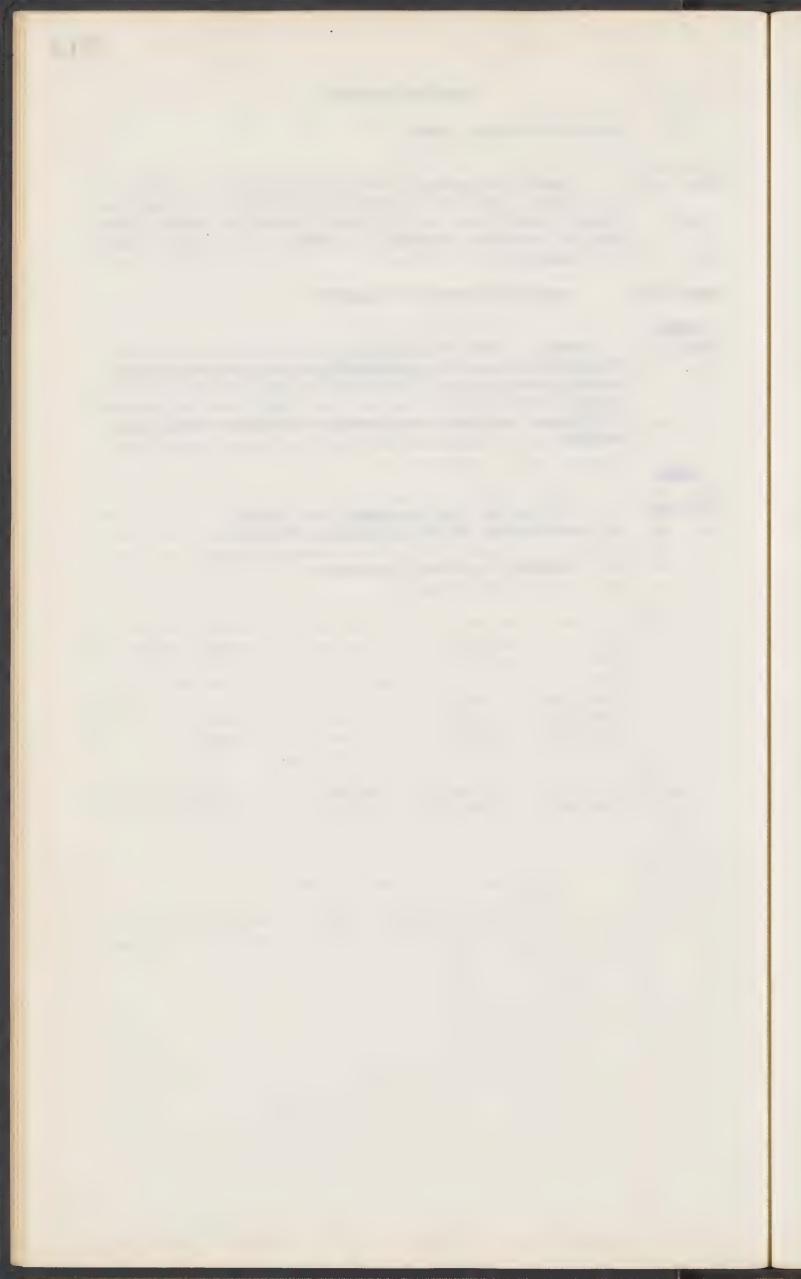
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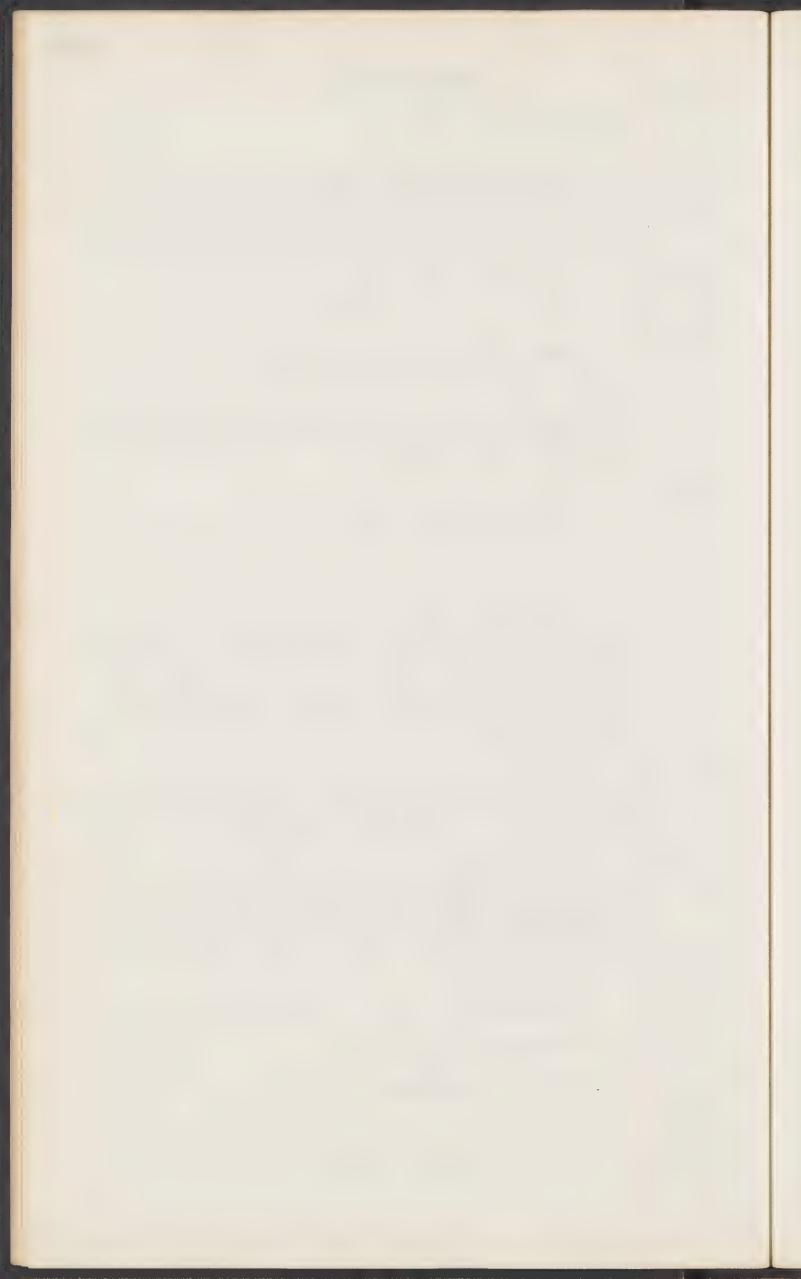
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Ampelis codror m

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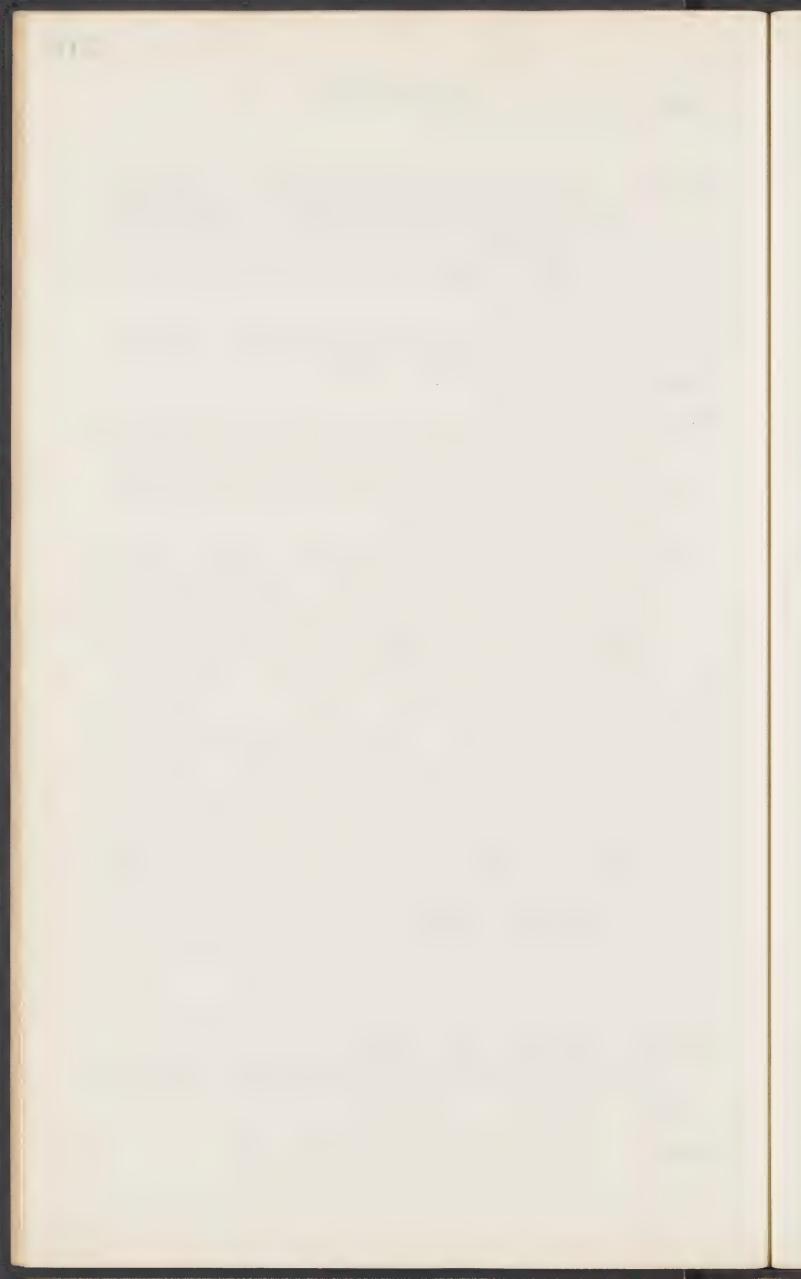
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 - 1875.



'mpelis codrorum.

1875.

Hi lan June Mass.

Tary dividual feedin and Programs in Warring.

" 30. If it Were town, all shy a 'aw s.

pr. 20. Sot wur i W tertown.

ay 24. They neture adealy to-day in arce numbers.

1876.

Tar. 22. A floct of the sen in Waterton, whis is when him appearance and ery late arrival.

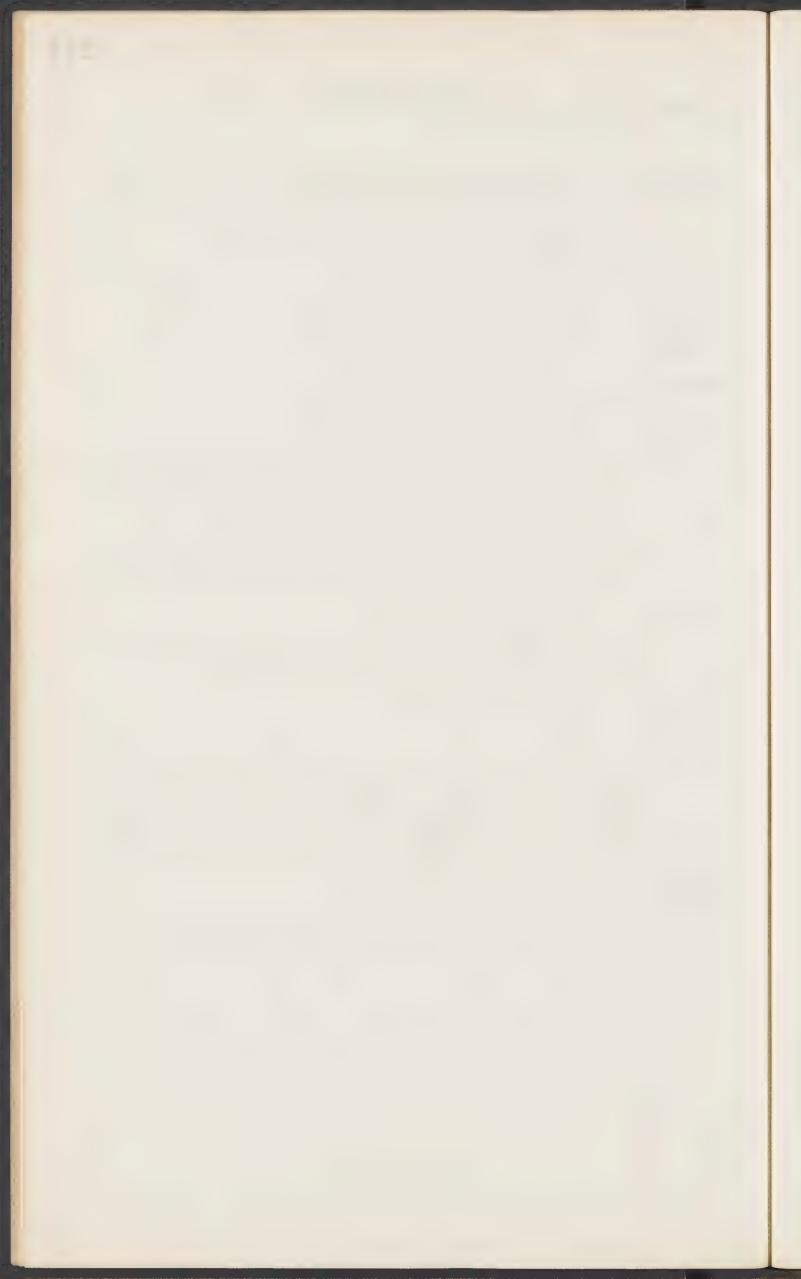
" 25. A floc of these tone hundred in Watertow. I shot sixt is a resp. seren her was time of the wiene single toot in your wing, eight no rax whatever. Of he sero will wax soots, four ere makes; of the cipit plant wing independent of the fer les. Durit show-squall several members of the flock very continuity launching out into the fir after show-special as they do flying inspets in unmark.

" 31. Shot hime To derdown. Six were wax-tipped, then of errorles. The three rlain was were finales. Saw four relivered the clocks, all very shy.

Afre in trown.

Apr. 27. Two was a constitute adams no represent to a latter and the latter in the numbers of the latter are if organed date in flies over the wester of the sludishes; I are over seen them so again flore it well into the distribute.

1084. 10 .16. A crall 22031 as sp.



Amphelis cedrorum.

Maine (Lake Umbagog).

June 8. A pair at work on their nest in a low fir

1876.

June 18. Nest just beginning.

" 21. Now extremely abundant and building everywhere.

1879.

May 25. Two or three flying about.

June 3. One gatherin: materials for its est.

1881.

Way 36. | Arrived to-day i. ler or mbors: I saw ei bt it one flock.

10/6. Jam 20.

Sor B-4. Frosh--for so har -- and to of the book--and his seven form. The formula as a dang on the decof the mest; I had be conditioned but she flow.



Ampelis cedrorum.

1869. July &

Aug.

N.H. where they frequented the edges of the clarings, and the borders of the streams.

1870.

July *Augus13

Very abundant perching on the tops of the stubs, and making sallies out after insects. (Franconia Notch).

Sept.2-10. Apparently all had separated for the Southward as we did not observe it anywhere. (Forks of the Kennebec, Maine).

1875.

Sept.22. A flock of thirty feeding on the berries of a run tame cherry on the outskirts of Nantucket.

" 29. Several among stunted sedars on Coatue Point, Nantucket.

Oct. 2. A flock of about forty at Woods Holl. A pigeon Hawk picked one from the branch where it was sitting before the others took alarm.

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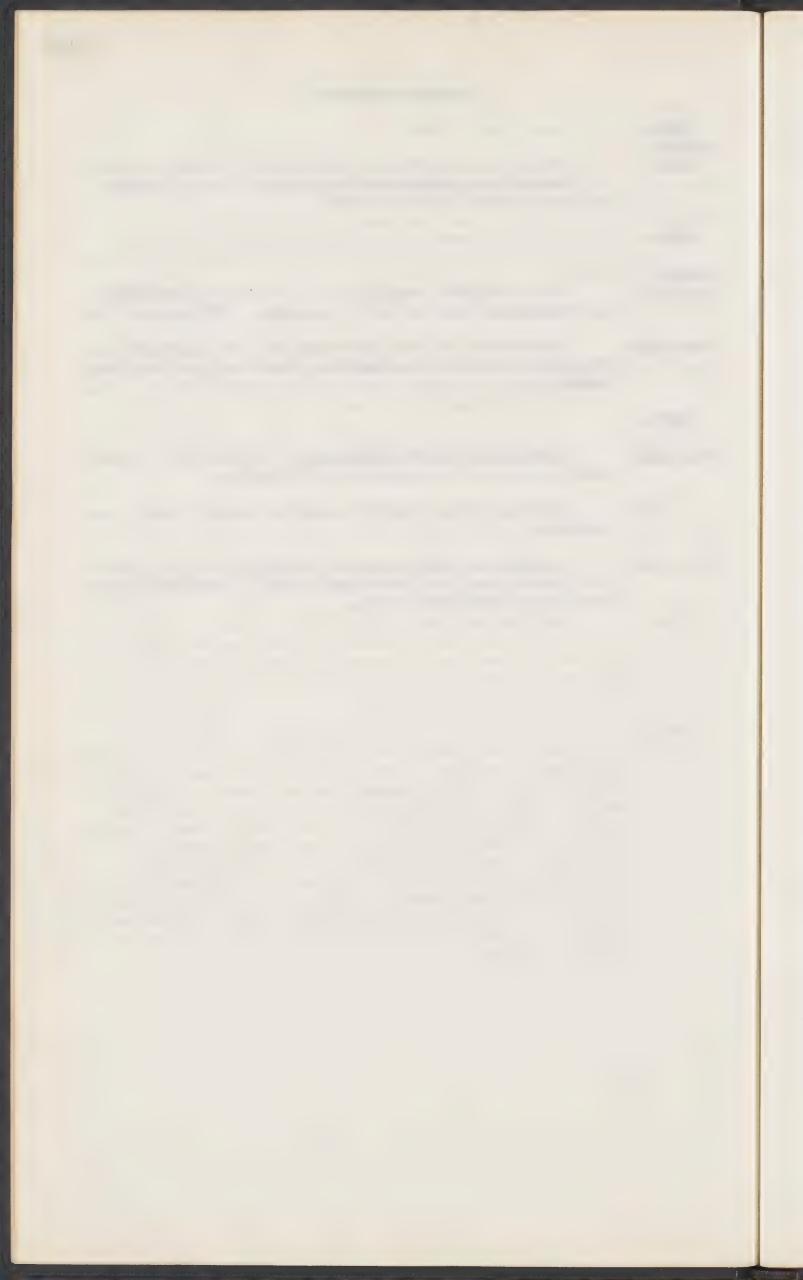
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Progne purpurea.

Maine (Lake Umbagog).

1871.

May 30- Several pairs nesting in the Martin box in front of June 10.

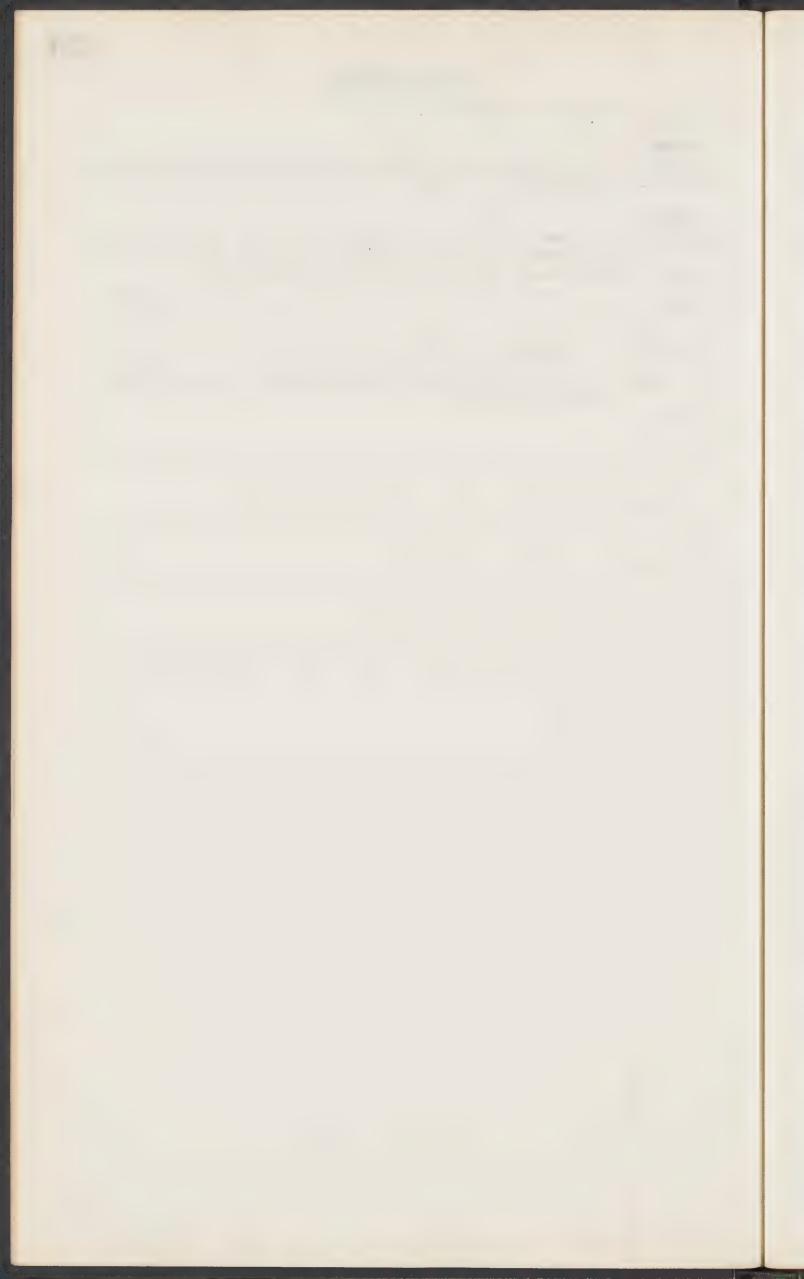
1873.

Aug. 4. Saw three yesterday among the stubs on the .m. of the river— and to-day there was a large Tock in the same place, mostly composed of young birds.

1881.

May 11. Numbers at Bethel.

" 26. The usual Martin, a single female came about the bird-house to-day.



Progne purpurea.

1874. June 30.

Single pair (Nantucket).

Pe rochelida la i rols.

"imlusex ourit; 'ss.

1886. Une 3. Saw um (re ldit.

1838.

Mr. 25. A pair.

A flock of source of the service of

18.9.

Apr. 26. One.

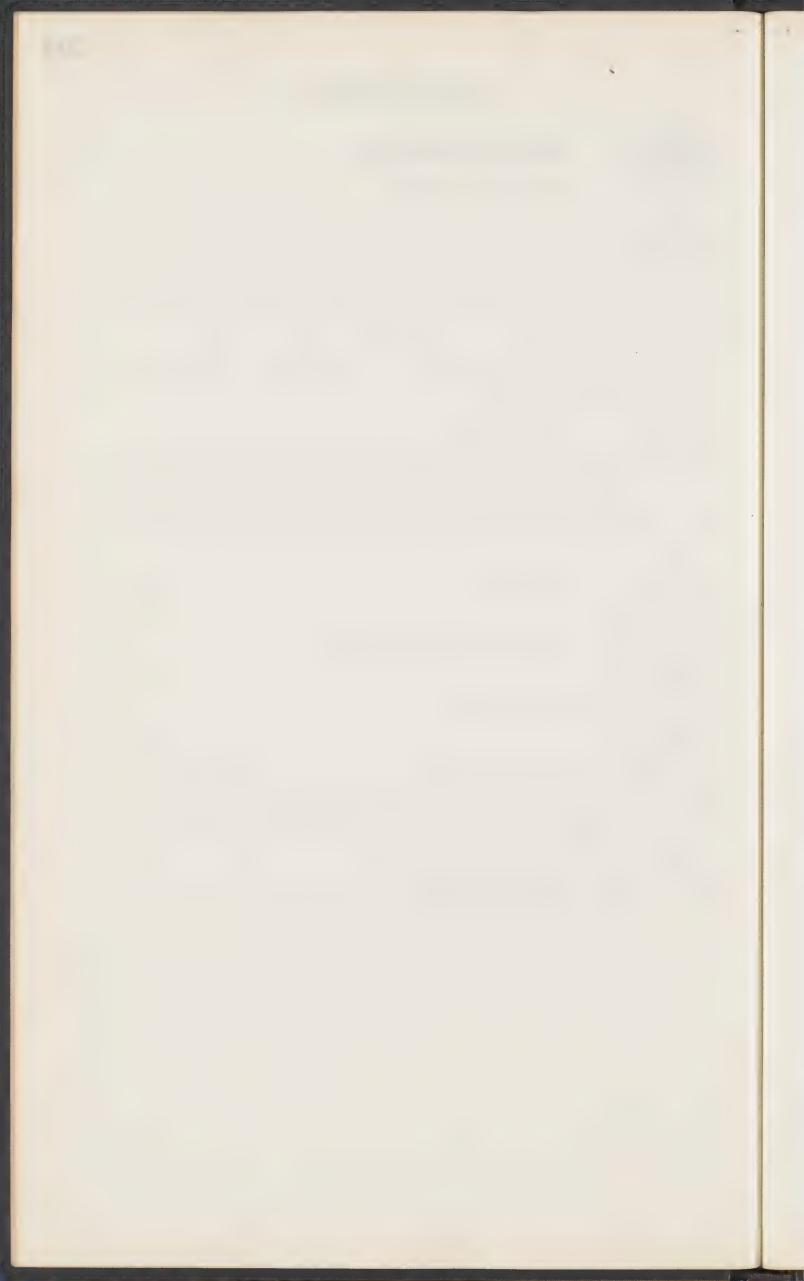
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IO.O. S.

1876.

Contract Contract



Petrochelidon lunifrons

Maine (Lake Umbagog).

1871.

June 1. The first pair arrived to-day and immediately be to build a nest under the eaves of the ferm. If the course of a few days a colony was at work lere.

1873.

July 31. This species as a rule, as least at this space flies much higher than other Swallows.

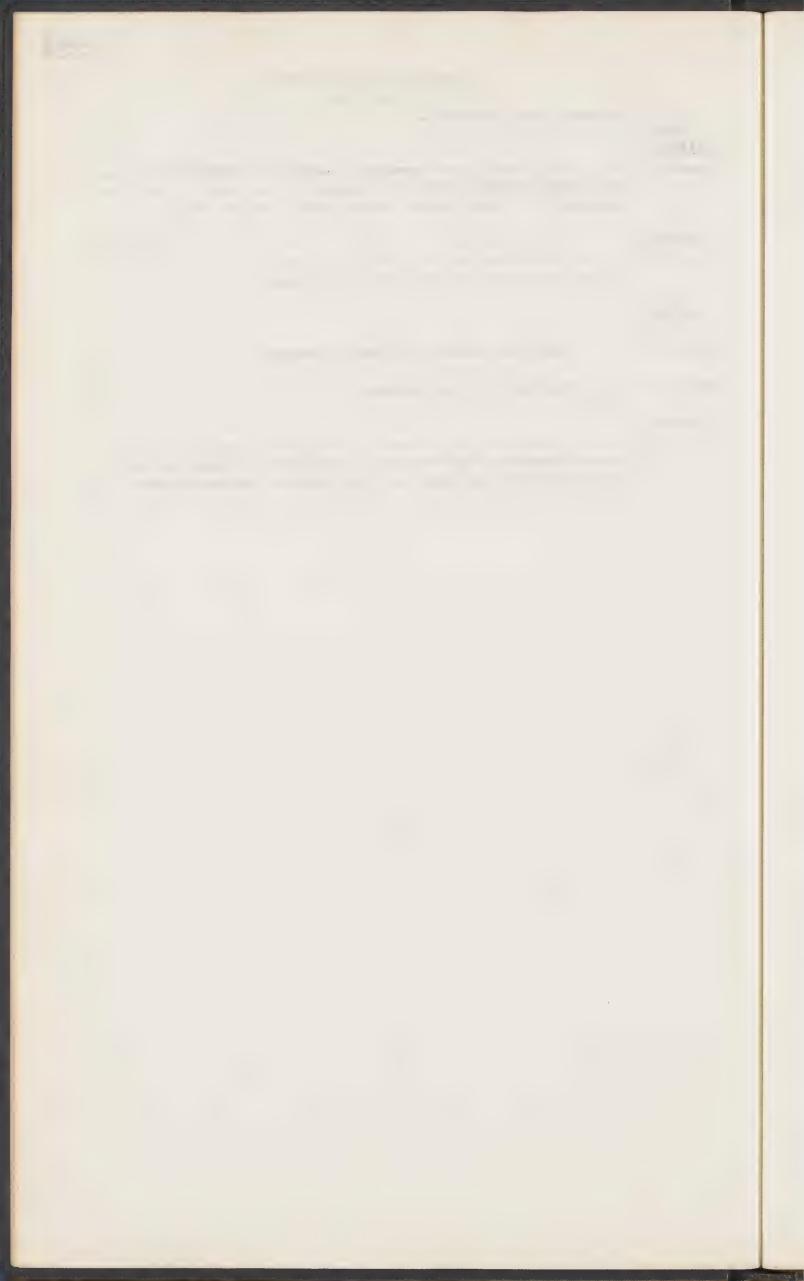
1874.

July 27. Shot two young in first plumage.

Sept. 5. Saw two at the Outlet.

1880.

Two sets, four eigs each, all fresh. Nest under eaves of earn; about twelve mosts in close proximity to each other. The colony began work on them nearlt two weeks are.



Petrochelidon lumifrons.

1869.

July & Aug.

A large colony breeding under the eaves of a barn at the Glen House, N.H.

1870.

July 28. Not found at the Profile House, N.H., although common in the farming country below.

1882.

July 6. A small colony breeding in an open barn cellar; their nests were all placed in mortice holes in the side of beams that supported the floor. Most of these nests had no neck., and in several the entrance hole was a long wide slit which admitted my hand. One had absolutely no top (Shelbourne, N.H.).

Several hundreds going to roost in the top of a densely-foliaged elm; on the intervale about three miles below Shelbourne, N.H. I noticed about one third as many in the same place several evenings since. and the land to be a second to the second to

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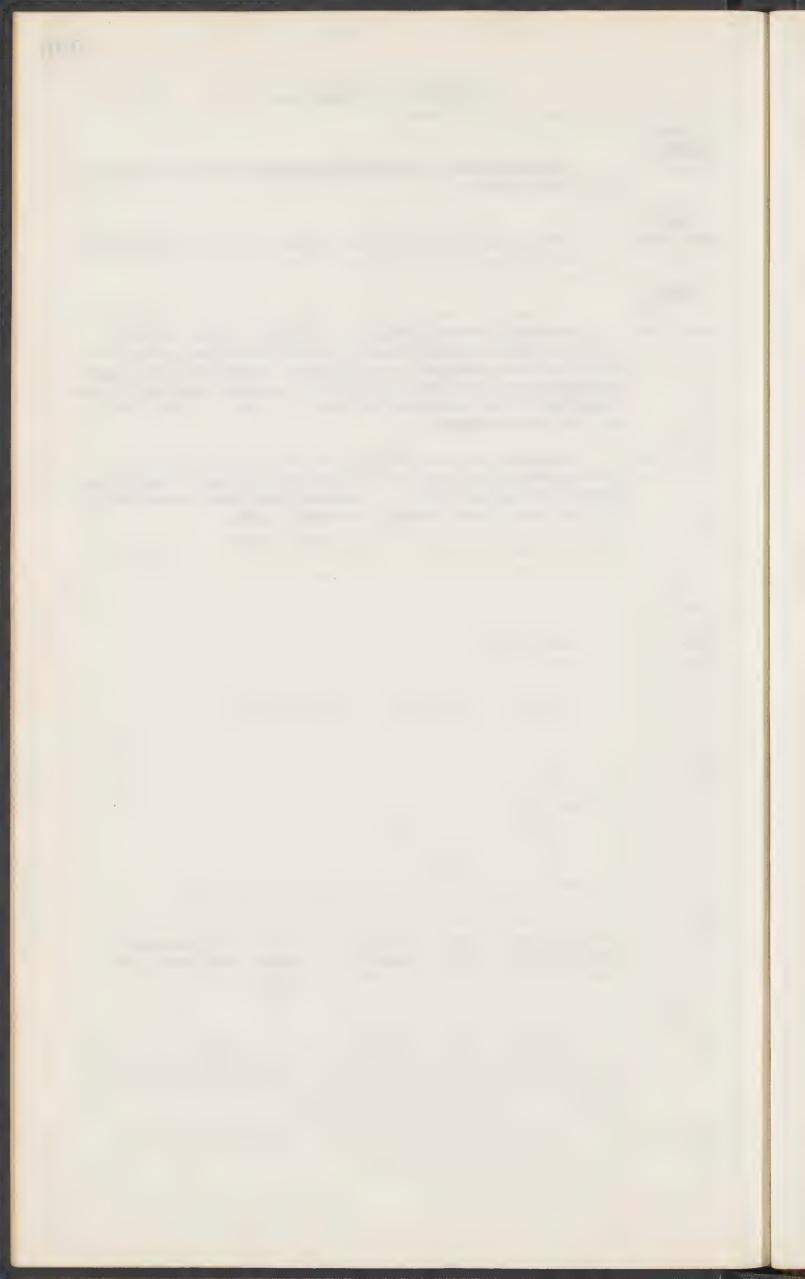
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longrands. Sow impoint once is wanted that numbers on to side the sloping sand bank, when the skill that the skill on a pround, in done of a process.

18.5.

- May 2. A this '' chelle over it claypit, I saw one at which the 30 h of Apr 1 The elms are in fill flower and he willow calkins have been on a veral day, will not grass is green everywhere.
- A.G. 4. A few alighting orgon in the seamp near Block falsed this proming.



Hirundo horreorum.

10%.

Middlesex County, Mass.

- (Aug.24) This with the other Swallows is still here in considerable numbers.
- Sept. 9. Saw several.

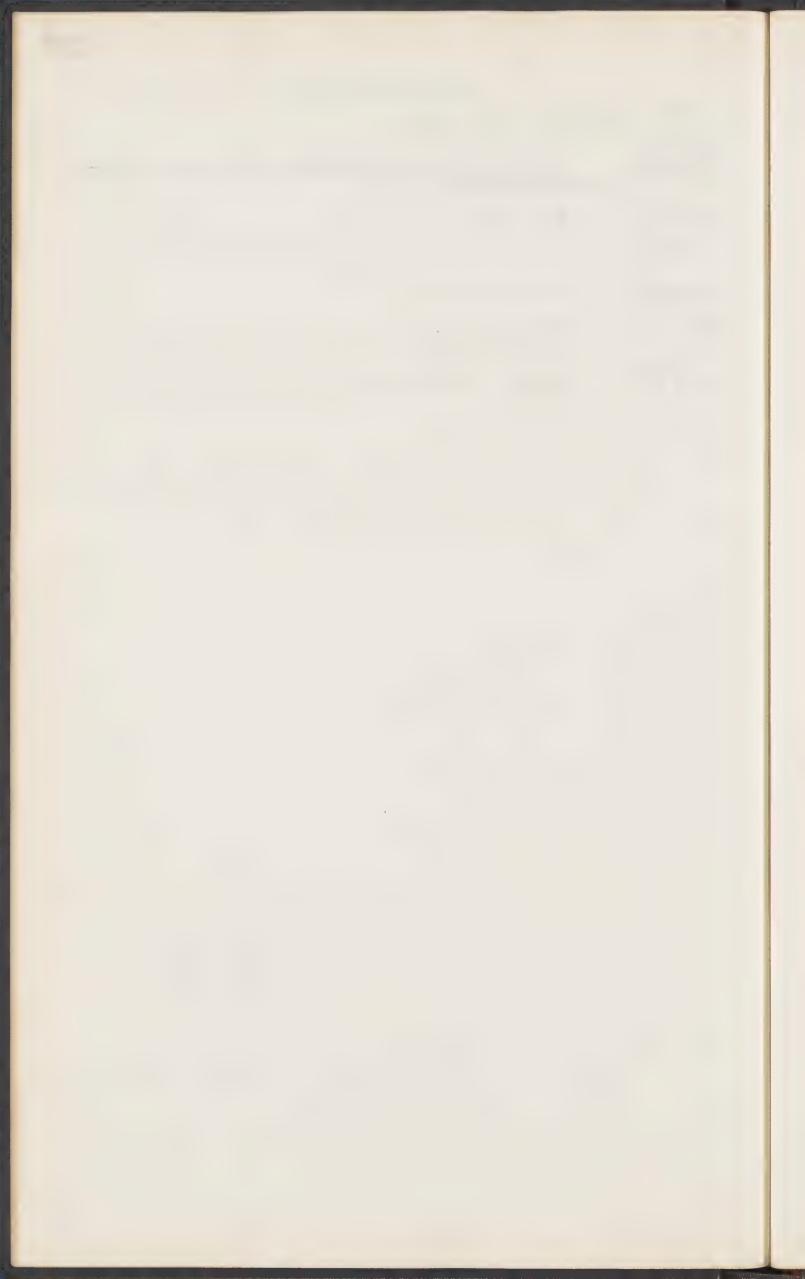
1870.

Apr. 26. One on Fresh Pond.

Sept. 9. Two (C ncord).

1000

Apr. 20. Governal arrival (302 arrival).



Hirunda horreorum.

Maine (Lake Umbagog).

1873.

Sept. 3 All the Swallows have choose the come. They left very suddenly several days are.

1874.

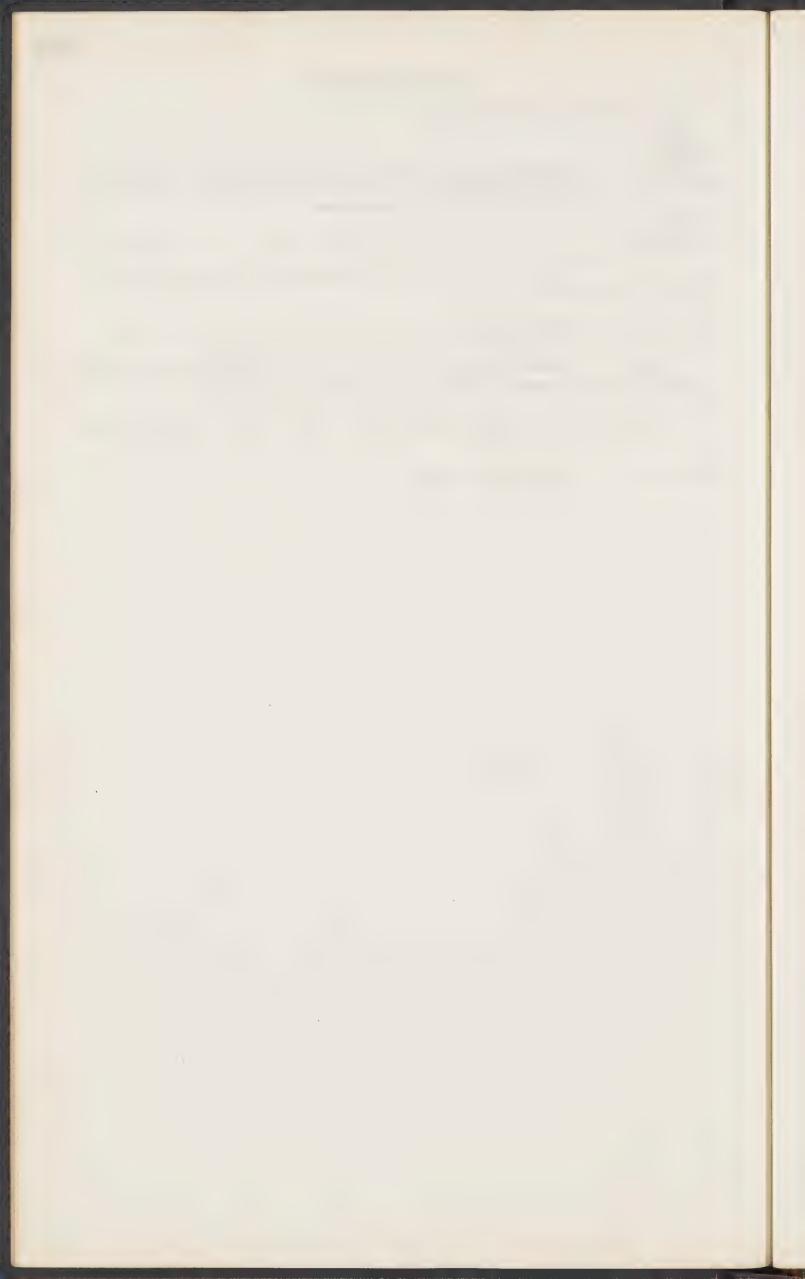
July 30. I have seen home for two days a d think they have left here.

Aug. 8. Still here.

" 25. These, as well as all the other Swallows, collected into immense flocks to-day and disappeared.

" 29. A few still remain, but I think all the of or Cyallove have left.

Sopt. 3. A few still about.



Hirundo horreorum.

1869. July &

Aug.

Breeding abundantly in the barns at the Glen House N.H.

1870. July 28.

Not found about the Profile House, N.H. although common in the farming country below.

1871. July 26.

Saw one playing with a feather, repeatedly taking it up into the air and dropping it, to seize it again before it reached the ground (Reading, Mass.).

1874. Apr. 23.

Numbers flying over the marshes in New Jersey.

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Hirundo horreorun.

Rye Beach, New Hampshire.

1868.

Aug. 15. Passing steadily southward all day. Upon counting the Svallows (four species, but chiefly these and <u>Tachycineta bicolor</u>) that passed a given point in thirty minutes, the result was one thousand, or about thirty thousand the standard for the entire day.

July 28.

Abundant in company with <u>T.bicolor</u>, <u>P.lunifrons</u> and Cotile about the Eel Pond. They come in at the northern end and fly leisurely through, passing out at the southern end. If the weather is fair they often remain a day or two. Sometimes many hundreds are in sight at once.

- Aug. 7. All four species of Swallows are now abundant on the Eel Pond, this species and <u>T.bicolor</u> prediminating They pass through all day, flying steadily southward. In the early morning they linger more, hawking about over the marsh aftern insects.
 - At daylight each morning they come into the marsh from the south (in which direction they must have roosts.) and beat aboutin by hundreds close over thw tall grass. Later in the morning after the sun has risen they collect on the fence ails in long rows, probably to digest their early meal.
 - 1872. Not mentioned in my notes, byt of course abundant, as it always is on the Eel Pond in July and August.

rec'mei seta bickir.

Middlaser Jorney Es.

1500.		
lay 22.	Wes with Si	vinggs.

1867.

Apr. 29. Saw one building.

Lay 18. Four a nest ith one fres. e .

1868.

Mar. 18. One, the firs of the reason. lying or orly direction and low own.

Apr. 2. Saw to first to-day since March 18. Thy tere flying around my boxes and quarrelling will of the birds.

" 6 Show fell yes orday to he do hof e er ches and banis ed the Stallows for a time.

" 8. They were about again this norning.

" 11. Anot or doep . now; saw soveral Swalto s.

" 13. Seen to-day by Deane Clying is large for er the surface of Prech Pond.

" 14. They were flying around my boxes this or in six or seven at a time.

Very numerous this spring. We had a sho so rm to-day, the show falling to the depth of sever; shes and during all the norning who surface of Presi Pold was covered by a vest lost of these birds. They is covered to the water every low and then dipping its severe means must have been several thousands over the differential.

" 30. One was seen building.

Tay 19. Found a nest with one off.

June 24. The young will soon leave the nest.

July 10. The young are all on win ;.

ig. 8. Still abundant about meadows and other low ines.

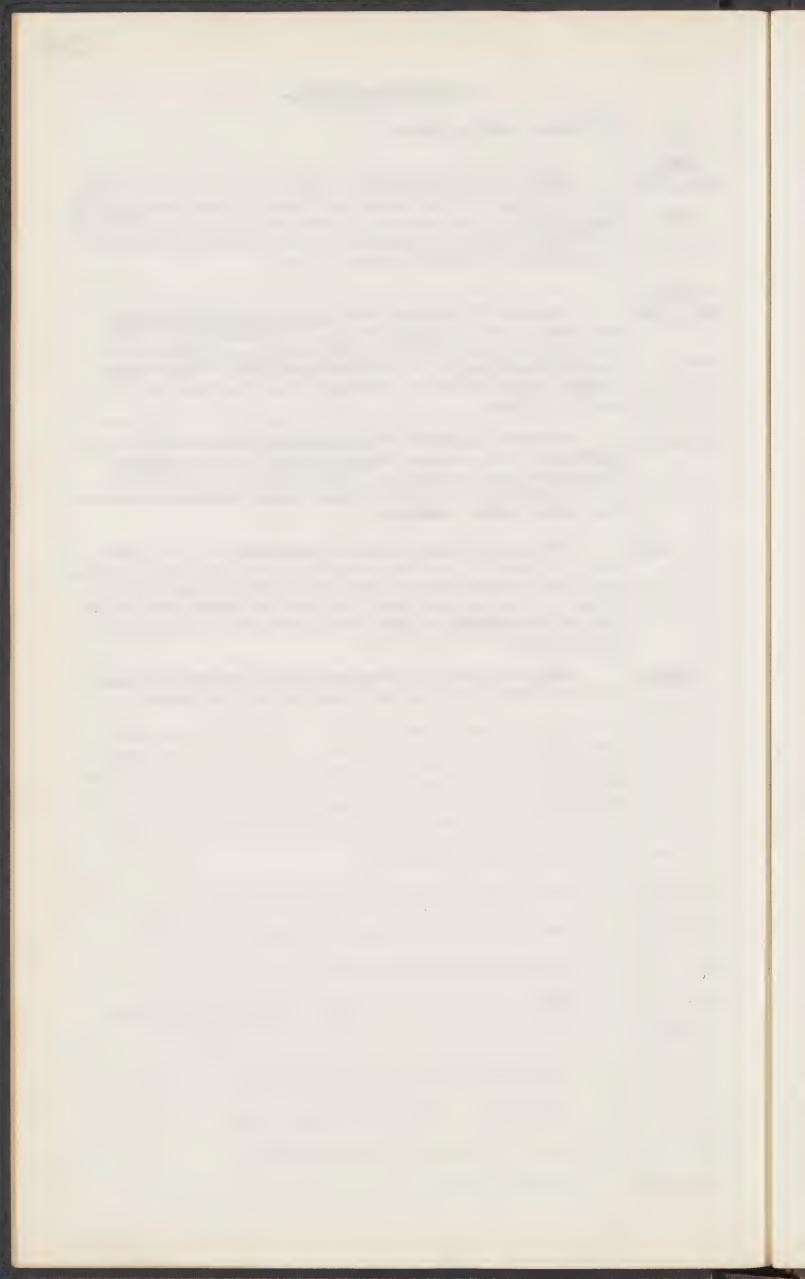
1869.

Apr. %. About six circling around my boxes.

" 15. Upwards of a housand or Francoad.

ay 16. Lest in a 'ox with o a free w.

Nept.24. Novow 3 in south rd.



Tachycineta bicolor.

1870.

Mic II ..ex . t; , Mass.

Apr.8) so app cd about my boxes this end.

" 10. Abundant > brywhere.

1871.

ar. 19. The firs: bis morning, a simple fle Tying some and alighting on my boxes.

pr. 1. Saw a single bird in our yard to stor ng, the first since Narch 18; the intervent weat reas be very cold and beisterous.

" 3. Saw three or four small flocks Tying over the model down hoar Fresh Pond.

" 6. Upwards of a hundred on resh d.

" 29. They still frequent the pond in lady reader.

opt.28. Saw the left, a fleck of thirt or more, or their way south.

1872.

pr. 5. One around my boxes.

" 6. Three around my boxes.

1874.

Two mating the male uttering on tirrously a cattling sound resorbling that produced or crawled a stick across the slats of a fence, or a validoman's rattle to a delowly.

Rumbers at dusk alignting to continue thick aligns bordering Assabet River, Concord.

1875.

Two in Vatertown.

or. 2. A pair about my boxes this morning.

" 15. A unbers ski ming about over the lacs, which were and cally suried unler a foot of above has fell yesterd w.

" 20. Have see one for the days "e feether has seen ver col.

Apir mildig in one of resc. still morning.

Ltilk of your elidice to east suppose your services and suppose your services.



Gam, La vocas, resp.

- Apr. 6) One seen by Maynard (Northern).
- About thirty on Roch Meadow, Relimont.
- sept. 7. A large Plock passing sendered over C .
- 16/..

 A Tock of six or sign firster over a wal wers as (Trookling).
- 1871.

 Day 10.

 About two hundred Swallows, partly this species and partly Barn Swallows, flying over Rock Taxow I have not seen nearly as many together before this year

1865.

- May 18. Nest, three eggs (Deane).
- Oct. 11. Saw several loose scattered companies migrating southward over Cambridge. They flew in the usual manner now and then hawking a little for insects.

. T. 1.I

. 11 73

195. 22. Calley on the control of th

Tachycineta bicolor.

1873.

Maine (Lake Umbagog).

- July 31. They seem to have left the locality as I have not seen any for so prolesys.
- A pure white Albino was brought to day; it was killed on the Hayward place.
- 1874.
- Aug. 18. A large flock flying about the stubs about the Outket; they have been entirely absent from Upton for at least three weeks.

1876.

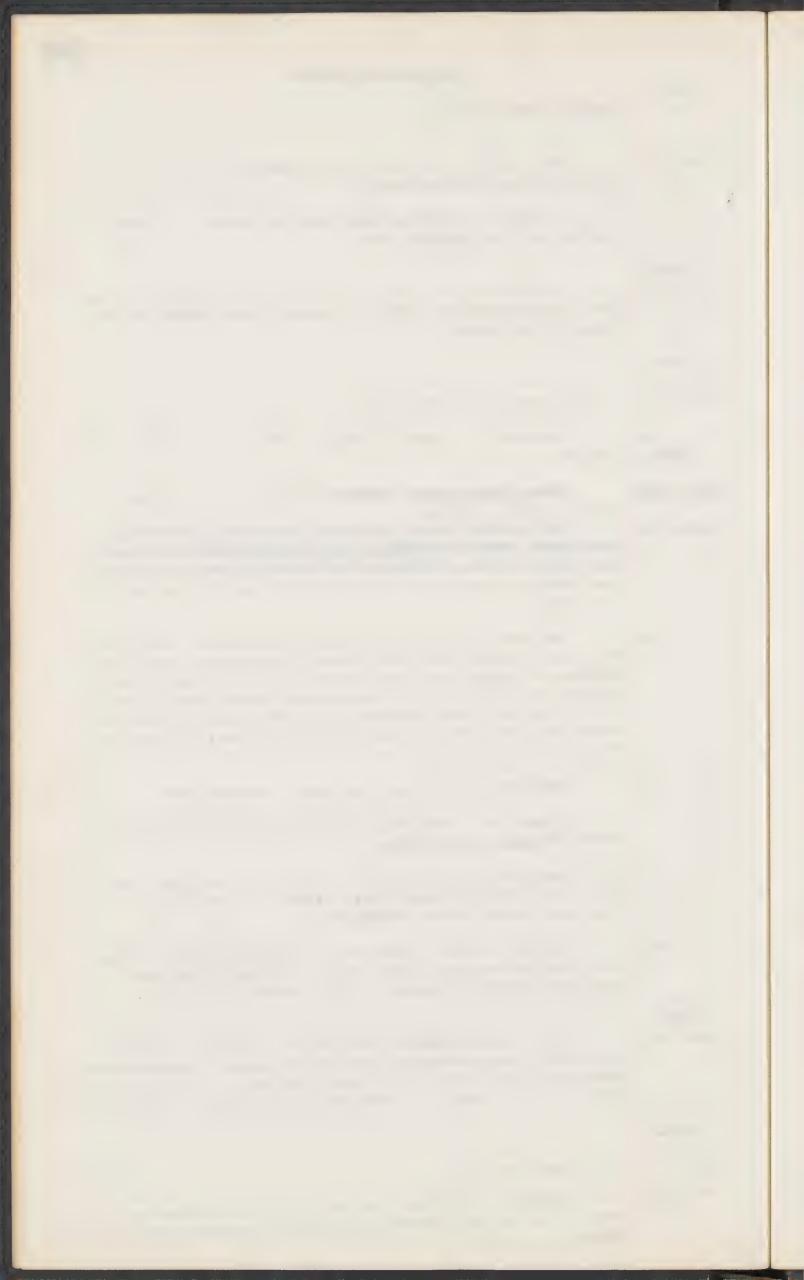
- Jung 2. A nest with two eggs.
- " 3. Breeding in great abundance among the stubs at the Outlet.
- " 5. A nest containing five fresh eggs; the sitting bird proved a feedle.
- "Upon shooting an Ardea herodias among to stubs many Swallows came trooping to the spot and the corresponding with the feathers scattered about on the correspond the water.
- Two nests, one with four the other with five eags. The former built in an old Bowny Woodpecher's hole consisted of only a few feathers and chips of wood; the llatter in a large natural etructure cavity was a beautiful structure lined lavishly with feathers. The lines were very bold and plucky, diving down past my look of click that the lines.
- " 7. Oile east solthi i e four east solver six. " 8.

A nest in a sau was beautifully lined with the feathers of Bubo virilizing.

- " 9. Two nests, one with four and the other with five eggs; the former beautifully lined with feathers of the adult male Hooded Ferganser.
- * 18. Saw one pursue a Hooded Verganser actually overtaking her a d berassi wher as he would a flying own. The duck, however, seemed to fly slower than usual.
- June 5. Still oodpreker's Tole over the refer; bein't six feet; eggs sexen, an exceptional number, revert elementere was only one found a count to least on the sure as I have seen the pair recognitions for the second second.

1880.

- "ay 10. Nest, one egg.
- " 29. Set H-6. Four eggs incubated several days--two fresh, nest in old Woodpecker's hole in spruce stub over water.

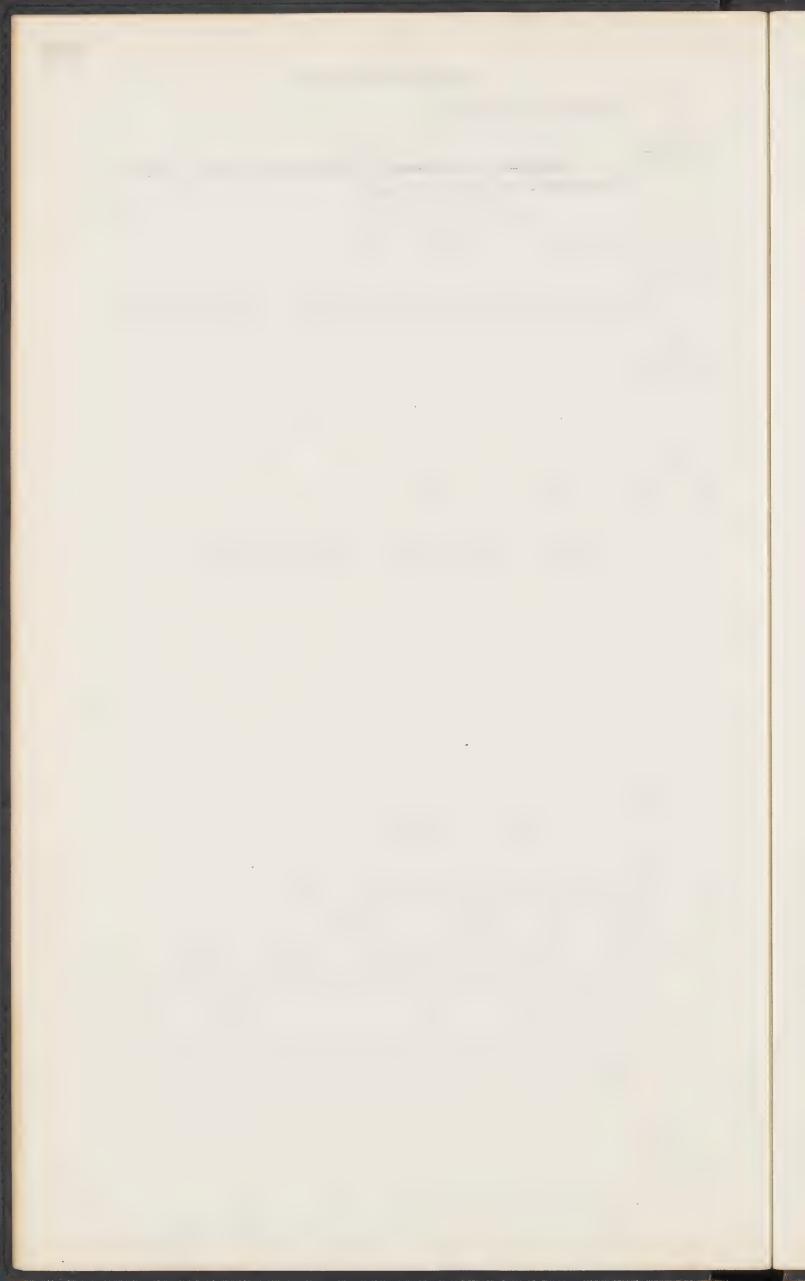


Tachycineta bicolor.

Maine (Lake Umbagog).

1880. H

May 29). Set I-4. Fresh--new Woodpecher's hole; height six feet.



Tachycineta bicolor.

1867. Oct. 7.

On the 5th and 6th there was a flock of several thousand here but last night was very cold and this morning they were leaving for the south (Plymouth, Mass.).

1870.

July 28. Up to the edge of the woods. (Franconia Notch).

Sept. 6 Saw two or three flying about over the surface of the water on Moxie Pond (Forks of the Kennebec Maine).

June 27. Rather common; breeding in the town (Nantucket).

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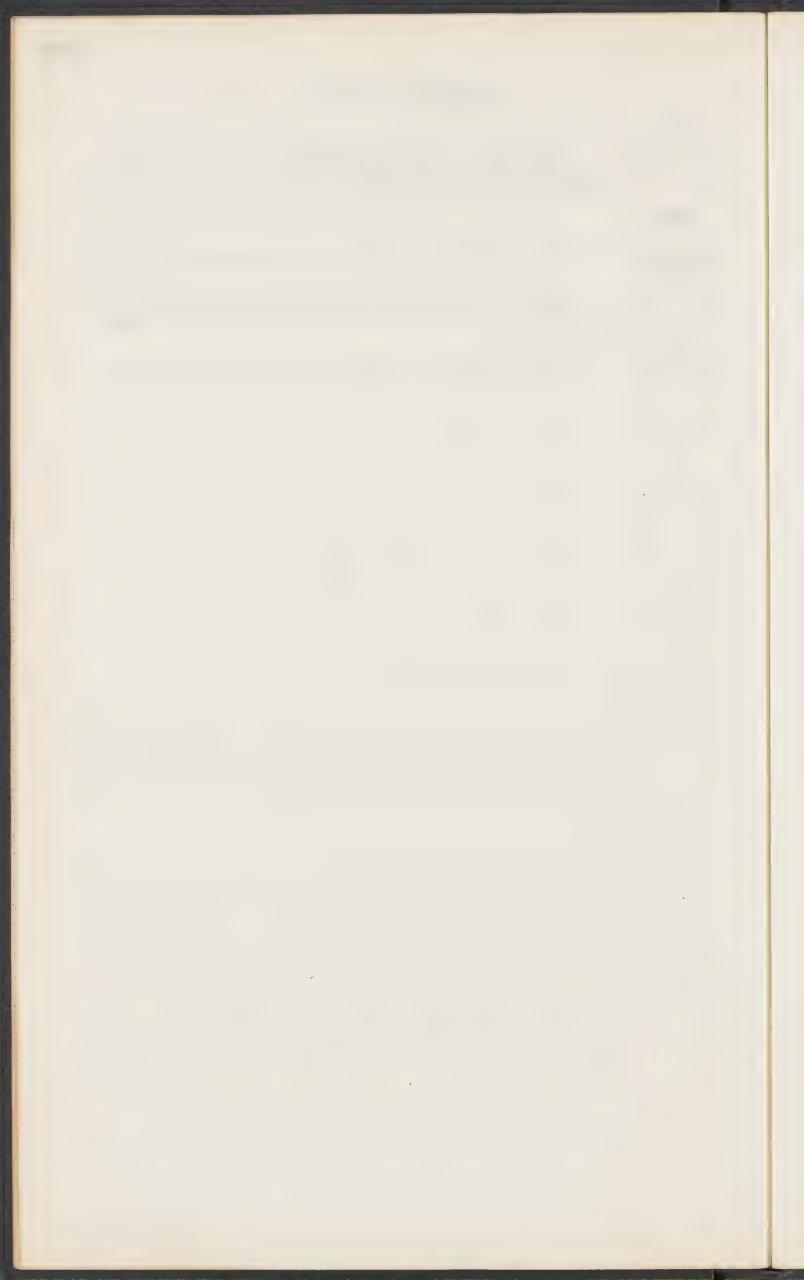
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Cotile riparia.

1874.

Maine (Lake Umbagog).

Aug. | Saw several to-day.

Aug. 8. Still here.

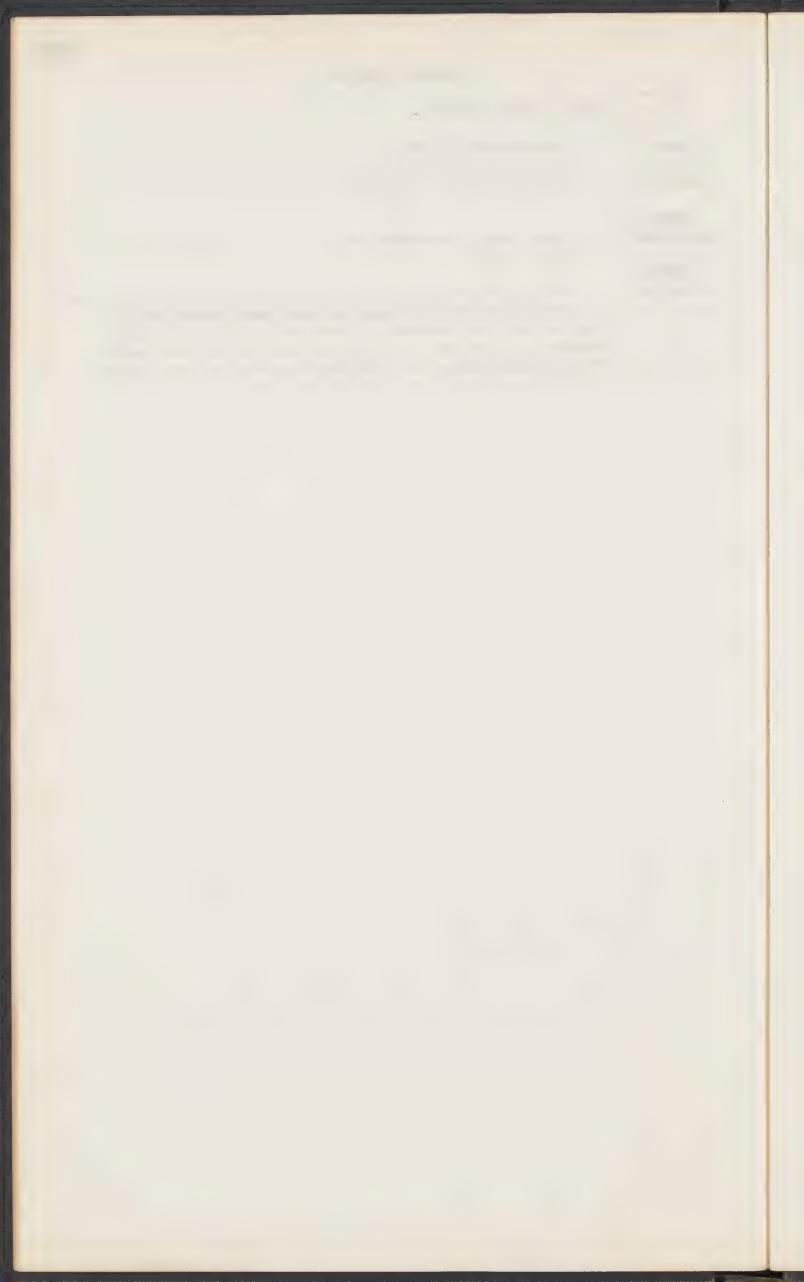
1876.

June 12. Nest with five fresh eggs.

1879.

June 8.

The other day I saw a troup of a dozen or more playing with a feather. A strong wind was blowing at the
time and as they passed it from one to another, each
dropping it for his neighbor to pick it up, the party
drifted away across the fields reminding me of a crowd
of excited school boys playing at foot ball.



Cotile riparia.

1869.

July & Aug.

Found them building near the Glen House, N.H.

1870. July 28.

As far up the valley as the farming country extends (Profile House, N. H.).

1875. July 20.

A colony on the Green Islands near Portland, Maine.

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1858.

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August. Ar to intra recolution.

1869.

May 25. A: 10.

June 17. Nos in rec'oak apl 1 , of oor fourteen fee; age, for ju. on c , b shirt.

1870.

May 20. A::13.

Sept.26. On , st. So of it a _ st it a .rsm of Soproble in the Mapl Swap w .a, t hely thorebirds, the contemporal of feed in the contemporal of state.

1872.

May 15. Two runs, one form (G a. ville).

" 21. Shor a slsar throp bislas b L ol:

1873. Oct. 15. Short (15 to the plane of the distinguish of the part of the pa

1874.

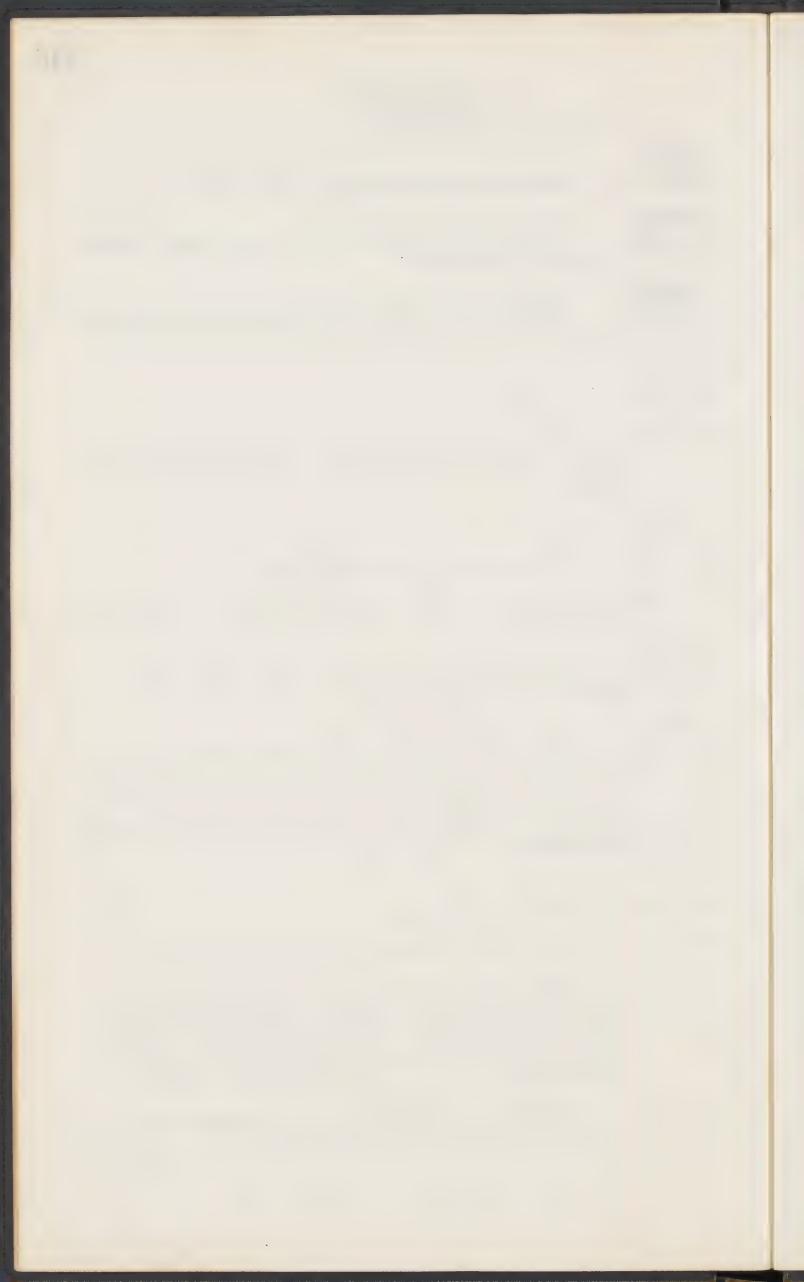
May 30.

Ver and the complete plants. I

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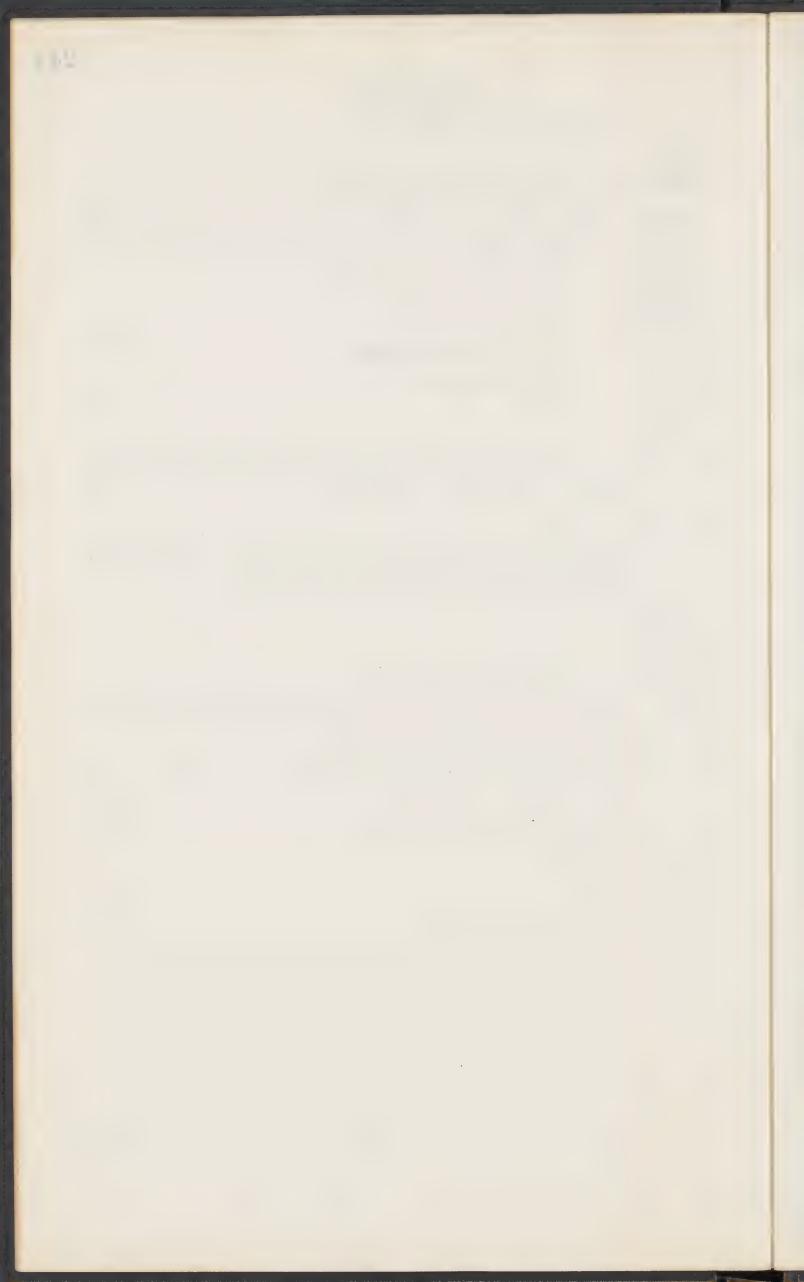
1875.

Jun 11. A ... I ..



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Pyranga rubra.

Maine (Lake Umbagog).

1871.

June 4. Heard one singing near the shore of the lake.

Another heard June 10 about seven miles south of Upton.

1872.

June -- One single a rile of two orts of the otch.

1879.

June 20. / male single in broch on the Anover road.

1880.

Way 21. Two males . The first.

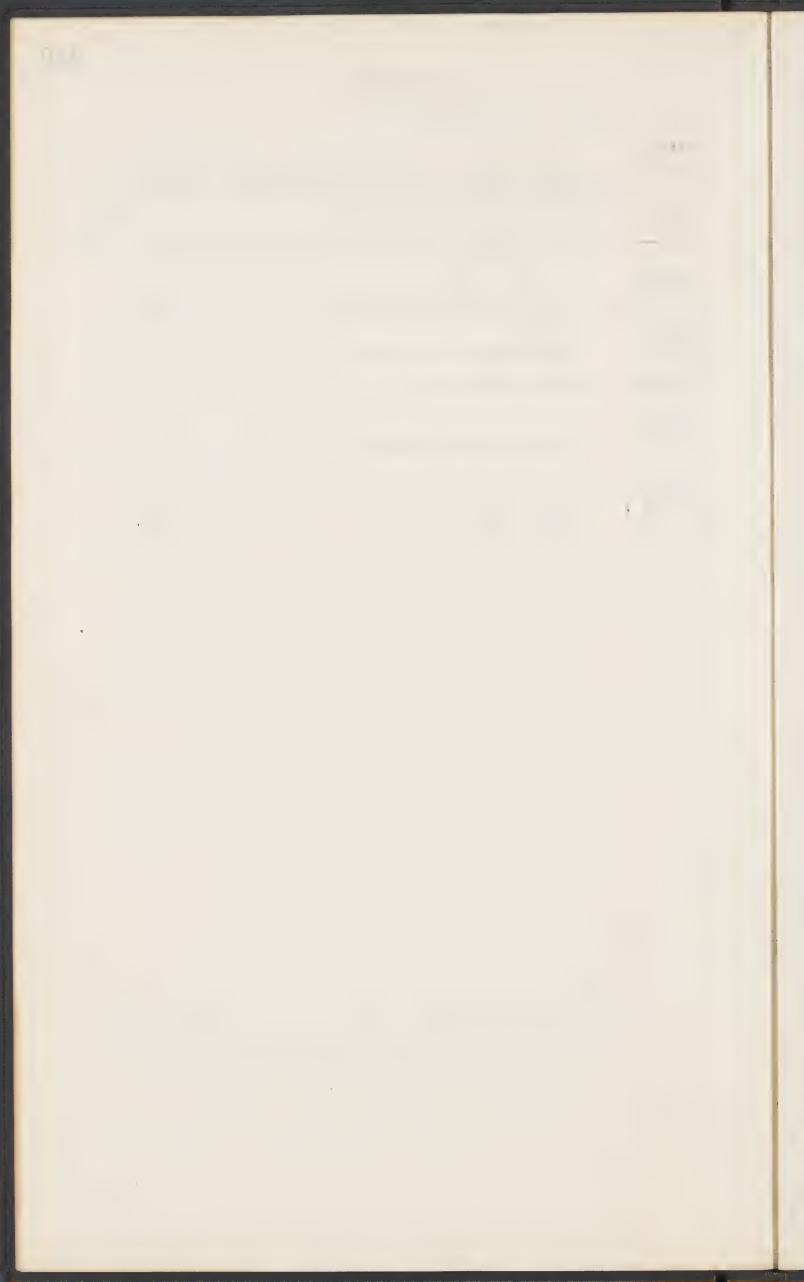
June 19. Shot a icr. ture nale.

1881.

Tay 27. Hoard so the similar.

1876.

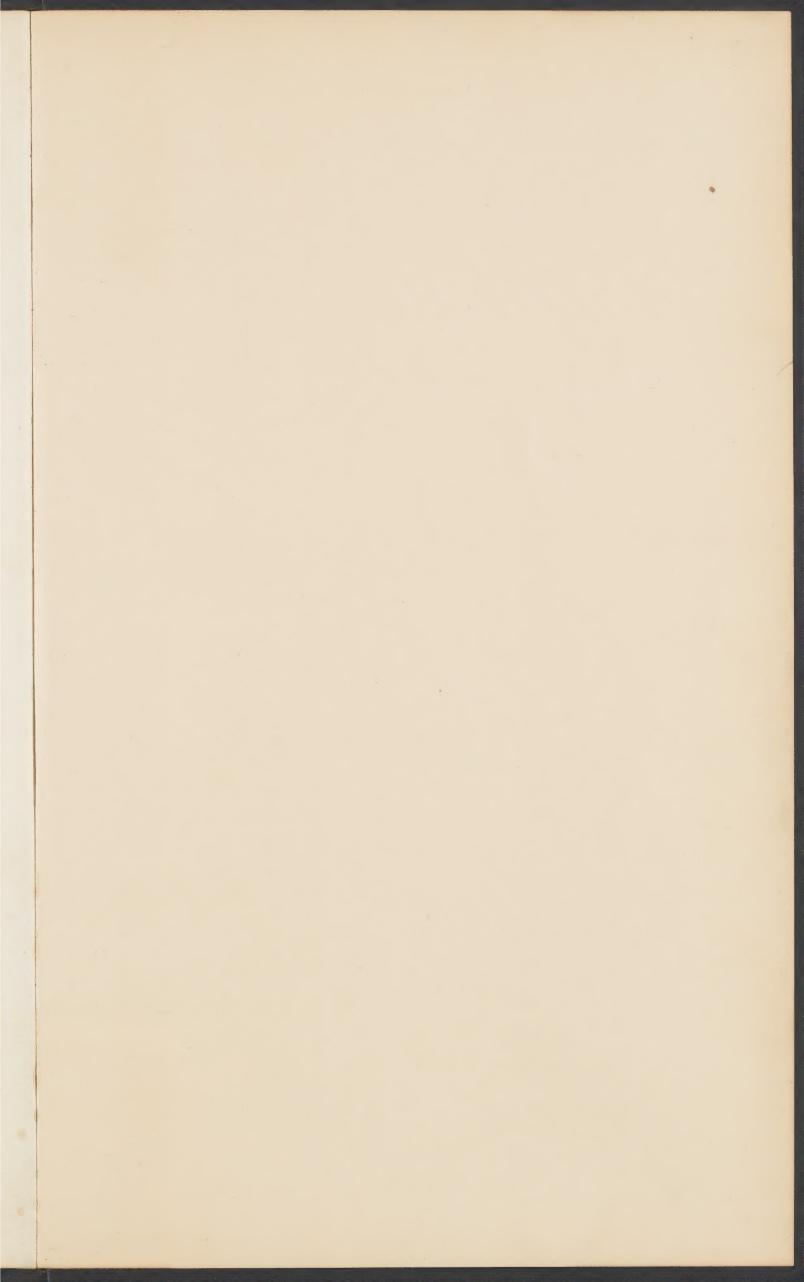
June 5. One singing near the body some the control

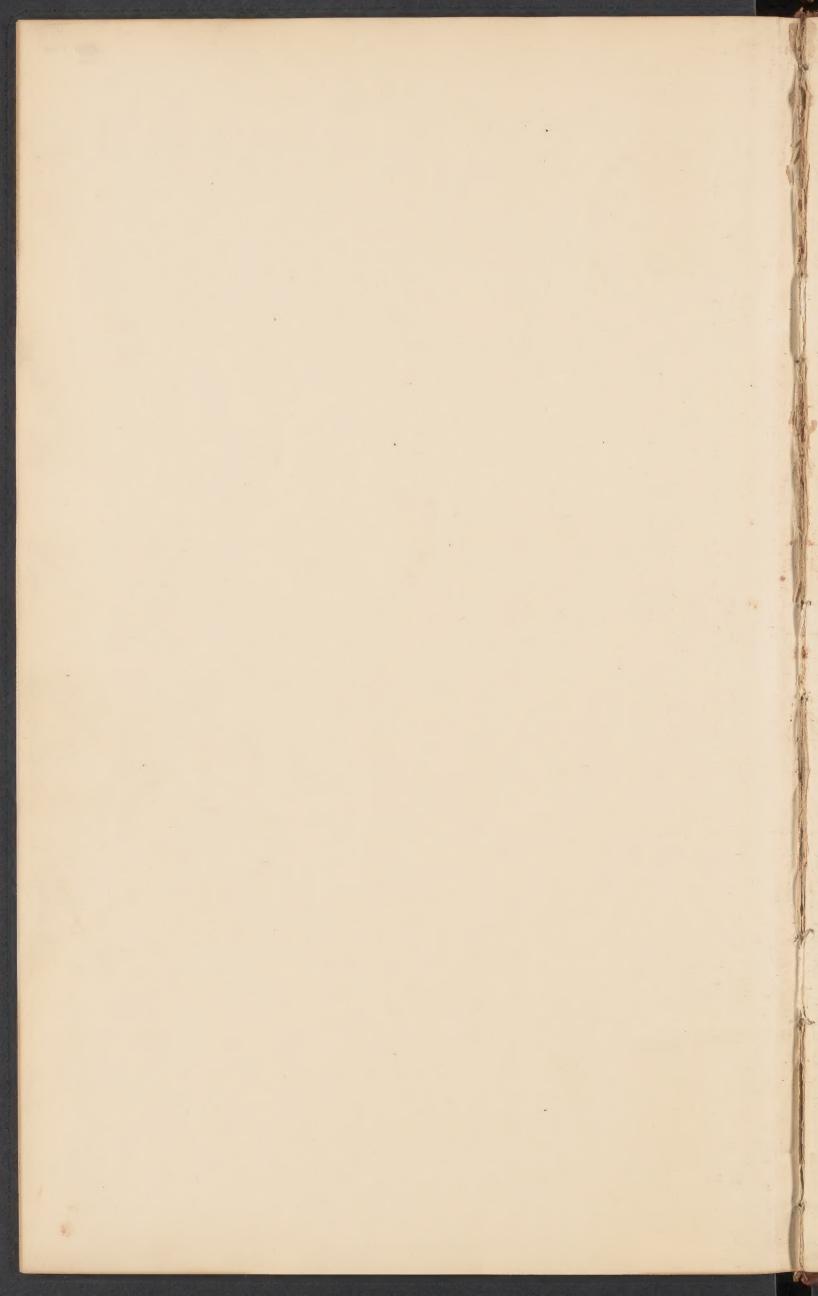


Pyranga rubra.

1875.

June 17. Abundant on Mt. Wauchusett within five hundred feet of the summit.





HP 1878

